



vallorbe[®]
SWISS

OUTILS POUR L'INDUSTRIE
TOOLS FOR INDUSTRY
WERKZEUGE FÜR DIE INDUSTRIE
HERRAMIENTAS PARA
LA INDUSTRIA

Shaping your ideas

Vallorbe offre trois différentes gammes de produits :

- **PREMIUM**
- **CLASSIC**
- **SAVER**

Les formes et tailles de nos outils offrent une large gamme d'applications et permettent de façonner les matériaux durs et tendres pour une utilisation variée. Nos produits sont idéalement adaptés pour les professionnels et les passionnés.

Vallorbe offers three different ranges of tools :

- **PREMIUM**
- **CLASSIC**
- **SAVER**

The shapes and cuts of these products allow a wide range of applications for professionals, as well as hobbyists working with hard and soft material for various use.

Wir bieten drei verschiedene Werkzeugserien:

- **PREMIUM**
- **CLASSIC**
- **SAVER**

Die Formen und Hiebe dieser Produkte erlauben ein breites Spektrum von Anwendungen für Profis, sowie Amateure, die mit harten und weichen Material für verschiedene Zwecke arbeiten.

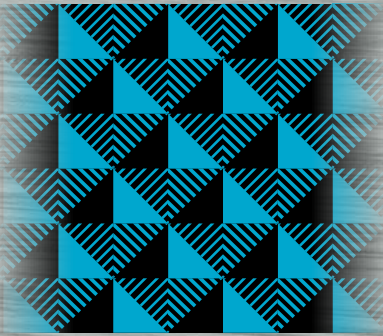
Le ofrecemos tres diferentes gamas de herramientas :

- **PREMIUM**
- **CLASSIC**
- **SAVER**

Las formas y los picados de estos productos permiten al profesional o «amateur» realizar una amplia gama de aplicaciones trabajando tanto materiales blandos como duros en diferentes usos.

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PREMIUM



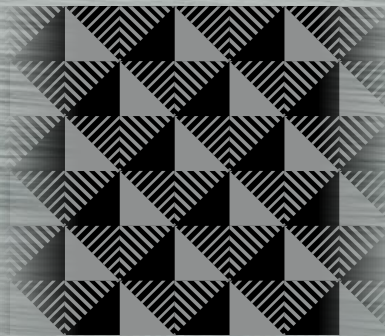
La solution parfaite qui allie qualité et performance, en réponse aux demandes des professionnels les plus exigeants.

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

Die Vallorbe PREMIUM Produkte sind die perfekte Lösung, um die Anforderungen der anspruchsvollsten Profis zu erfüllen.

Los productos Vallorbe PREMIUM son la perfecta solución para responder a las demandas de los profesionales y expertos más exigentes.

CLASSIC



Vallorbe vous propose une gamme intermédiaire Swiss made, avec un rapport qualité/prix plus adapté à certains marchés.

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

Vallorbe bietet Ihnen eine Swiss made Serie von zwischen Produkte, mit einem Preis-Leistung Verhältnis, besser geeignet für einige Märkte.

Sin comprometer la calidad, Vallorbe le propone una gama de productos intermediaria Swiss made con una relación calidad/precio adecuado para ciertos mercados.

SAVER



Une sélection signée Vallorbe, pour vos marchés entrées de gamme.

A Vallorbe selection for entry level markets.

Eine Vallorbe Produktauswahl für ihre Einstiegsmärkte.

Una selección de productos básicos con una calidad Vallorbe a un precio accesible para todos!

INDEX
INDEX
INDEX
ÍNDICE

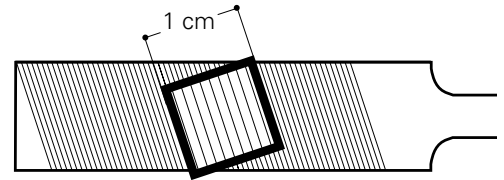
Réf./Ref. Rif.	Page/Seite Pagina	Réf./Ref. Rif.	Page/Seite Pagina	Réf./Ref. Rif.	Page/Seite Pagina	Réf./Ref. Rif.	Page/Seite Pagina	Réf./Ref. Rif.	Page/Seite Pagina
AL110	62	LA2409	23	LP1062	12	LPV1660	49	LR12919	31
AL150	62	LA2410	23	LP1065	13	LPV1670	50	LR12920	31
AL160	63	LA2411	24	LP1094	54	LQ5010	16	LR12930	31
AL170	63	LA2414	24	LP1095	54	LQ5019	17	LR12931	31
AL200	62	LA2415	24	LP1132	6	LQ5020	16 / 39	LR12940	31
AL210	62	LA2416	24	LP1133	6	LQ5100	16	LR12941	31
AL250	62	LA2417	24	LP1136	7 / 38	LQ5109	17	LR12942	31
AL260	63	LA2418	25	LP1138	7	LQ5120	16	LR12943	31
AL2830	63	LA2420	25	LP1142	7	LQ5129	17	LR12950	31
AL310	62	LA2423	25	LP1152	7	LQ5150	16	LR12951	31
AL350	62	LA2424	25	LP1163	6	LQ5159	17	LR12952	31
AL400	62	LA2427	25	LP1166	6 / 38	LQ5410	39	LR12953	32
AL410	62	LA2437	25	LP1168	6	LQ5450	55	LR12954	32
AL450	62	LA244	56	LP1170	7	LQ5860	55	LR12955	32
AL500	62	LA245	56	LP1171	7	LQ5861	55	LR12956	32
AL510	62	LA248	56	LP1178	13	LQPL218	39	LR12957	32
AL550	62	LA249	56	LP1180	8	LQPL230	39	LR12958	32
AL600	62	LAM001	26	LP1185	8	LR12156	59	LR12961	32
AL610	62	LAM002	26	LP1230	8	LR12186	59	LR12962	32
AL710	62	LAM005	26	LP1263	8	LR12410	37	LR12963	32
ALQ301	62	LAM006	26	LP1265	8	LR12411	37	LR12964	32
ALQ302	62	LAM007	26	LP1268	9	LR12430	37	LR12965	32
ALS301	63	LAM008	27	LP1292	14	LR12440	37	LR12970	32
ALS302	63	LAM009	27	LP1312	40	LR12450	37	LR12971	33
DA8401	42	LAM010	27	LP1352	40	LR12460	37	LR12972	33
DA8402	42	LAM011	27	LP1360	9	LR12480	37	LR12973	33
DA8403	42	LAM015	27	LP1366	10	LR12700	35	LR12974	33
DA8405	42	LAM016	27	LP1367	10	LR12710	35	LR12975	33
DA8407	42	LAM020	57	LP1464	11	LR12711	35	LR12980	33
DA8408	42	LAM020-2ST	57	LP1474	12	LR12712	35	LR12981	33
DA8410	42	LAM040	57	LP1480	12	LR12713	35	LR12982	33
DA8411	42	LAV2401	51	LP1540	40	LR12731	35	LR12983	33
DA8432	60	LAV2402	51	LP1560	9	LR12732	35	LR12984	33
DA9401	43	LAV2406	51	LP1566	9	LR12741	35	LR12985	33
DA9402	43	LAV2407	51	LP1567	9	LR12750	35	LR12986	33
DA9407	43	LAV2408	51	LP1660	10	LR12761	35	LR12987	34
DA9408	43	LAV2410	51	LP1666	10	LR12762	35	LR12988	34
DA9410	43	LAV2411	51	LP1667	10	LR12763	35	LR12990	34
DA9470	60	LAV2465	61	LP1669	11	LR12764	36	LR12996	34
DD8800	46	LAV2495	61	LP1670	11	LR12771	36	LS5510	18
DH8201	44	LH2601	28	LP1676	11	LR12781	36	LS5519	20
DH8202	44	LH2602	28	LP1680	11	LR12782	36	LS5520	18
DH8207	44	LH2607	28	LP1712	40	LR12790	36	LS5529	20
DH8208	44	LH2608	28	LP1730	13	LR12795	36	LS5530	19
DH8210	44	LH2610	28	LP1752	40	LR12796	36	LS5550	18
DH8232	60	LH2627	58	LP1760	13	LR12900	30	LS5559	21
DR8515	45	LH2630	58	LP1840	13	LR12901	30	LS5560	18
DR8516	45	LH2631	58	LP1850	13	LR12902	30	LS5569	20
DR8518	45	LH2901	28 / 38	LP1860	14	LR12905	30	LS5570	19
DR8520	45	LH9602	28	LP1960	14	LR12910	30	LS5579	21
DR8522	45	LH9607	28	LP1990	14	LR12911	30	LS5580	18
LA2401	22	LO0653	53	LP5070	14 / 38	LR12912	30	LS5589	21
LA2402	22	LO0655	53	LPV1060	50	LR12913	30	LS5930	55
LA2403	22	LO0788	53	LPV1132	49	LR12914	30	LTD0010	52
LA2405	22	LO660	53	LPV1163	49	LR12915	30	LTD..10	52
LA2406	23	LP1040	12	LPV1360	49	LR12916	30		
LA2407	23	LP1060	12	LPV1560	49	LR12917	30		
LA2408	23	LP1061	12	LPV1566	49	LR12918	31		

Shaping your ideas

TABLE DES MATIÈRES
CONTENTS
INHALTSVERZEICHNIS
CONTENIDO

Echelle de tailles	Scale of cuts	Hiebskala	Escala de picado	4
Principales dimensions	Main dimensions	Wichtigste Massangaben	Principales medidas	5
Limage	Filing	Feilen	Limas	
Limes de précision	<i>Precision files</i>	Präzisionsfeilen	<i>Limas de precisión</i>	6
Limes d'atelier Classic	<i>Machinist's files Classic</i>	Werkzeug-Feilen Classic	<i>Limas de taller Classic</i>	16
Limes d'atelier Saver	<i>Machinist's files Saver</i>	Werkzeug-Feilen Saver	<i>Limas de taller Saver</i>	18
Limes aiguilles	<i>Needle files</i>	Nadelfeilen	<i>Limas de aguja</i>	22
Limes aiguilles Classic	<i>Needle files Classic</i>	Nadelfeilen Classic	<i>Limas de aguja Classic</i>	26
Limes Habilis	<i>Files Habilis</i>	Feilen Habilis	<i>Limas Habilis</i>	28
Limes Habilis Classic	<i>Files Habilis Classic</i>	Feilen Habilis Classic	<i>Limas Habilis Classic</i>	29
Rifloirs	<i>Rifflers</i>	Riffelfeilen	<i>Codillos</i>	30
Limes tailles spéciales	<i>Special cut files</i>	Spezialhieb Feilen	<i>Limas picados especiales</i>	38
Limes matériaux tendres	<i>Soft materials files</i>	Weicher Werkstoffe Feilen	<i>Limas materiales blandos</i>	40
Limes aiguilles diamantées	<i>Diamond needle files</i>	Diamant Nadelfeilen	<i>Limas de aguja diamantadas</i>	42
Limes aiguilles diamantées Classic	<i>Diamond needle files Classic</i>	Diamant Nadelfeilen Classic	<i>Limas de aguja diamantadas Classic</i>	43
Limes diamantées Habilis	<i>Diamond files Habilis</i>	Diamantfeilen Habilis	<i>Limas diamantadas Habilis</i>	44
Rifloirs diamantés	<i>Diamond rifflers</i>	Diamant Riffelfeilen	<i>Codillos diamantados</i>	45
Valdiamond	<i>Valdiamond</i>	Valdiamond	<i>Valdiamond</i>	46
Valtitan®	Valtitan®	Valtitan®	Valtitan®	48
Limes de précision	<i>Precision files</i>	Präzisionsfeilen	<i>Limas de precisión</i>	49
Limes aiguilles	<i>Needle files</i>	Nadelfeilen	<i>Limas de aguja</i>	51
Testeur de dureté	Hardness tester	Härteprüfer	Probador de dureza	52
Filons	Filons	Gewindefeile	Limas para roscas	53
Grattoirs mécanicien	Mechanic scrapers	Schaber für Mechaniker	Rasquetas para mecánico	53
Jeux	Sets	Sätze	Juego	
Limes de précision	<i>Precision files</i>	Präzisionsfeilen	<i>Limas de precisión</i>	54
Limes d'atelier	<i>Machinist's files</i>	Werkzeug-Feilen	<i>Limas de taller</i>	55
Limes aiguilles	<i>Needle files</i>	Nadelfeilen	<i>Limas de aguja</i>	56
Limes aiguilles Classic/Saver	<i>Needle files Classic/Saver</i>	Nadelfeilen Classic/Saver	<i>Limas de aguja Classic/Saver</i>	57
Limes Habilis	<i>Files Habilis</i>	Feilen Habilis	<i>Limas Habilis®</i>	58
Rifloirs	<i>Rifflers</i>	Riffelfeilen	<i>Codillos</i>	59
Limes diamantées	<i>Diamond files</i>	Diamant Feilen	<i>Limas diamantadas</i>	60
Limes aiguilles Valtitan®	<i>Needle files Valtitan®</i>	Nadelfeilen Valtitan®	<i>Limas de aguja Valtitan®</i>	61
Accessoires	Accessories	Zubehöre	Accesorios	
Manches et brosse	<i>Handles and brush</i>	Griffe und Bürste	<i>Mangos y carda</i>	62

ECHELLE DE TAILLES*
SCALE OF CUTS*
HIEBSKALA*
ESCALA DE PICADO*



Détermination du nombre de dents [Z/cm]

Le nombre de dents (Z/cm) se compte perpendiculairement à la taille. Dans le tableau ci-contre 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.

*Taille suisse

To determinate number of teeth [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.

*Swiss cut

Bestimmen der Zähnezahl [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.

*Schweizer Hieb

Determinar el número de dientes [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.

*Picado suizo

	000	00	0	1	2	3	4	5	6	7	8	10
Limes de précision, longueurs 4" à 8" <i>Precision files, lengths 4" to 8"</i> Präzisionsfeilen, Längen 4" bis 8" <i>Limas de precisión, largo 4" hasta 8"</i>	12	16	20	25	31	38	46	56	68			
Limes de précision, longueurs 10" à 12" <i>Precision files, lengths 10" to 12"</i> Präzisionsfeilen, Längen 10" bis 12" <i>Limas de precisión, largo 10" hasta 12"</i>	9	12	16	20	25	31	38	(46)	(56)			
Limes d'atelier Classic / Saver, longueurs 4" à 8" <i>Machinist's files Classic / Saver, lengths 4" to 8"</i> Werkzeug-Feilen Classic / Saver, Längen 4" bis 8" <i>Limas de taller Classic / Saver, largo 4" hasta 8"</i>				12	16	20						
Limes d'atelier Classic / Saver, longueur 10" à 14" <i>Machinist's files Classic / Saver, length 10" to 14"</i> Werkzeug-Feilen Classic / Saver, Länge 10" bis 14" <i>Limas de taller Classic / Saver, largo 10" hasta 14"</i>				9	12	16						
Limes aiguilles <i>Needle files</i> Nadelfeilen <i>Limas aguja</i>		20	25	31	38	46	56	68	84			
Limes Habilis <i>Files Habilis</i> Feilen Habilis <i>Limas Habilis</i>		18	21	25	31							
Rifloirs 150 mm <i>Rifflers 150 mm</i> Riffelfeilen 150 mm <i>Codillos 150 mm</i>			25		38		56					
Rifloirs 180 mm et 300 mm <i>Rifflers 180 mm and 300 mm</i> Riffelfeilen 180 mm und 300 mm <i>Codillos 180 mm y 300 mm</i>		12	16		25							

PRINCIPALES DIMENSIONS
 MAIN DIMENSIONS
 WICHTIGSTE MASSANGABEN
 PRINCIPALES MEDIDAS

a) Longueur = L

Les points de mesure de la longueur (L) varient d'un type de lime à l'autre. Il est donc nécessaire de se référer au schéma. La longueur est exprimée en pouces et/ou en mm.

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.

a) Länge = L

Die Längen-Masse (L) variieren je nach Feilentyp. Es ist somit unerlässlich, sich auf das Schema zu beziehen. Die Länge wird in Zoll, und/oder in mm ausgedrückt.

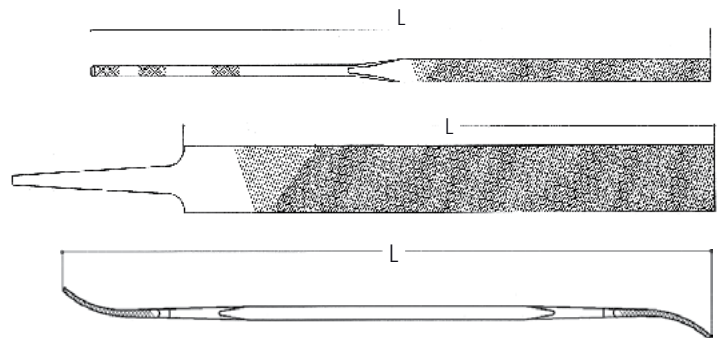
a) Largo = L

Los puntos de medición del largo (L) varían de un tipo de lima al otro. De este modo es imprescindible referirse al esquema. El largo se mide en pulgadas y/o en mm.

LA - LAM - LAV - LH - DA - DH

LP - LPV - LQ - LS

LR - DR



b) Largeur x épaisseur = A x B

Largeur et épaisseur des limes sont exprimées par:

- **A** = en principe largeur ou diamètre
- **B** = en principe épaisseur

Pour les articles LA, LP, LH, LR, LO, LQ et LS, ces dimensions sont toujours mesurées sur la partie non taillée la plus large.

Pour les articles DA, DR et DH, les dimensions sont mesurées sur la partie finie la plus large et sont des valeurs moyennes suivant le n° de taille.

Toutes les dimensions A et B mentionnées dans ce catalogue sont exprimées en mm, elles n'ont qu'une valeur indicative.

Tolérances : sur demande.

= cotes sur taille.

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 LA, LP, LH, LR, LO, LQ and LS: these dimensions are always measured at the widest uncut section.

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

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.

b) Breite x Dicke = A x B

Breite und Dicke der Feilen werden angegeben mit:

- **A** = grundsätzlich Breite oder Durchmesser
- **B** = grundsätzlich Dicke

Für die Artikel LA, LP, LH, LR, LO, LQ und LS werden diese Maße immer an der breitesten Stelle des ungehauenen Teils gemessen.

Für die Artikel DA, DR und DH werden die Maße an der breitesten Stelle des fertigen Teils gemessen und sind Mittelwerte gemäß der Hiebsnummer.

Alle Maße A und B in diesem Katalog werden in mm ausgedrückt und sind nur zur Orientierung.

Toleranzen : auf Anfrage.

= Abmessung über den Hieb.

b) Ancho x espesor = A x B

El ancho y el espesor de las limes se expresan con:

- **A** = en principio ancho o diámetro
- **B** = para las secciones que lo necesitan: en principio espesor

Para los artículos LA, LP, LH, LR, LO, LQ y LS, estas dimensiones siempre se miden sobre la parte sin picado más ancha.

Para los artículos DA, DR y DH, las dimensiones se miden sobre la parte acabada más ancha, son valores medios según el número del picado.

Todas las dimensiones A y B mencionadas en este catálogo se expresan en mm y su valor es puramente indicativo.

Tolerancias : bajo petición.

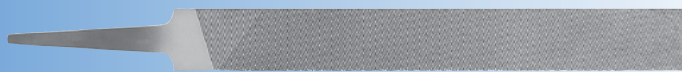
= medida sobre picado.

LIMES DE PRÉCISION
PRECISION FILES
PRÄZISIONSFEILEN
LIMAS DE PRECISIÓN

PREMIUM

LP1163

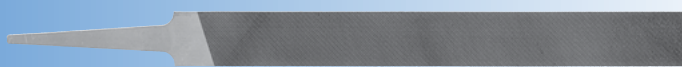
Carrelette / Hand
Ansatz / Carleta



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	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		LP1163-8-6	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

Carrelette mince / Thin hand
Flachstumpf dünn / Carleta delgada



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
	LP1168-6-00	LP1168-6-0	LP1168-6-1	LP1168-6-2		LP1168-6-4			6 / 150	16.5 x 2	12

LP1166

Carrelette à canneler / Hand checkering
Kannelier Ansatz / Carleta para estriar



Taille (rayes/cm) / Cut (raws/m) / Hieb (Fäden/cm) / Picado (rayas/cm)									L =	A x B =	
000	00 (8)	0 (12)	1 (16)	2 (20)	3	4	5	6	"/ mm	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

Pilier ordinaire 2 côtés / Regular pillar 2 sides cut
Stiften normal 2 Seiten / Plana paralela normal con picado s. 2 lad.



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

Pilier ordinaire 3 côtés / Regular pillar 3 sides cut
Stiften normal 3 Seiten / Plana paralela normal con picado s. 3 lad.



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
	LP1133-4-00	LP1133-4-0	LP1133-4-1	LP1133-4-2					4 / 100	9.5 x 2.5	12
	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

Shaping your ideas

LP1138

Pilier mince / *Pillar thin*
 Stiften dünn / *Plana paralela delgada*



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
	LP1138-6-00	LP1138-6-0	LP1138-6-1	LP11638-6-2		LP1138-6-4			6 / 150	10.5 x 2.4	12

LP1142

Pilier étroit / *Pillar slim*
 Stiften schmal / *Plana paralela estrecha*



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
		LP1142-4-0	LP1142-4-1	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	5.5 x 2.5	12
	LP1142-8-00	LP1142-8-0	LP1142-8-1	LP1142-8-2		LP1142-8-4			8 / 200	6.5 x 3	12
		LP1142-10-0		LP1142-10-2					10 / 250	9.3 x 4.3	12

LP1152

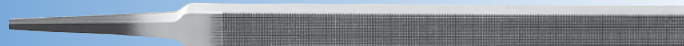
Pilier très étroit / *Pillar extra slim*
 Stiften sehr schmal / *Plana paralela muy estrecha*



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
	LP1152-4-00	LP1152-4-0		LP1152-4-2		LP1152-4-4			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		LP1152-8-4			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

Pilier à canneler / *Pillar checkering*
 Kannelier Stiften / *Plana paralela para estriar*



Taille (rayes/cm) / Cut (raws/m) / Hieb (Fäden/cm) / Picado (rayas/cm)									L =	A x B =	
000	00 (8)	0 (12)	1 (16)	2 (20)	3	4 (30)	5	6	"/ mm	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

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



Epaisseur / Thickness / Dicke / Espesor = mm									L =	A =	
0,3	0,4	0,5	0,6	0,7	0,8	0,9	1	1,1	"/ mm	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

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



Epaisseur / Thickness / Dicke / Espesor = mm									L =	A = mm	
0,7	0,8	0,9	1	1,1	1,2	1,5	2	.5	"/ 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

Egalir ordinaire / *Equaling*
 Ausgleich normal / *De igualar normal*



Taille / Cut / Hieb / Picado							Jauge / Gauge Lehre / Galga = mm	L = mm	A x B = mm	
000	00	0	1	2	3	4				
		LP1180-4-0-1,3		LP1180-4-2-1,3			1.3	100	10 x 1.3	12
		LP1180-4-0-2		LP1180-4-2-2		LP1180-4-4-2	2	100	10 x 2	12
			LP1180-5-1-1,7	LP1180-5-2-1,7			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
	LP1180-8-00-3,2	LP1180-8-0-3,2		LP1180-8-2-3,2			3.2	200	16 x 3.2	12

LP1185

Egalir spécial / *Equaling special thickness*
 Ausgleich spezial / *De igualar especial*



Taille / Cut / Hieb / Picado							Jauge / Gauge Lehre / Galga = mm	L = mm	A x B = mm	
000	00	0	1	2	3	4				
				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		LP1185-4-4-22	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
				LP1185-6-2-14			14	150	13 x 2.03	12

LP1230

Crochet / *Crochet*
 Flachspitz runde Kanten / *Gancho*



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

LP1263

Entrée ordinaire / *Warding*
 Flachspitz normal / *Plana de punta normal*



Taille / Cut / Hieb / Picado							L = "/ mm	A x B = mm		
000	00	0	1	2	3	4	5			
		LP1263-4-0		LP1263-4-2				4 / 100	12.4 x 2.5	12
		LP1263-6-0		LP1263-6-2		LP1263-6-4		6 / 150	15.4 x 3.5	12
	LP1263-8-00	LP1263-8-0		LP1263-8-2				8 / 200	21.4 x 5	12

LP1265

Entrée spéciale / *Warding special thickness*
 Flachspitz spezial / *Plana de punta especial*



Taille / Cut / Hieb / Picado							Jauge / Gauge Lehre / Galga = mm	L = mm	A x B = mm	
000	00	0	1	2	3	4				
		LP1265-3-0-23					23	75	9 x 0.61	12
		LP1265-4-0-21					21	100	12.4 x 0.81	12
		LP1265-6-0-16					16	150	15.4 x 1.65	12

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PRECISION FILES
PRÄZISIONSFEILEN
LIMAS DE PRECISIÓN

PREMIUM

LP1268

Entrée mince / *Warding thin*
Flachspitz dünn / *Plana de punta delgada*



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
				LP1268-3-2					3 / 75	9 x 0.6	12
	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
	LP1268-8-00	LP1268-8-0		LP1268-8-2					8 / 200	21.4 x 2.6	12

LP1560

Miroude ordinaire / *Halfround ordinary*
Halbrund normal / *Media caña normal*



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	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		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	LP1560-10-2					10 / 250	25.5 x 7.5	12

LP1566

Miroude effilée / *Halfround slim*
Halbrund schlank / *Media caña delgada*



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

Miroude très effilée / *Halfround extra narrow*
Halbrund sehr schlank / *Media caña muy delgada*



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
		LP1567-6-0		LP1567-6-2		LP1567-6-4			6 / 150	9.8 x 2.8	12

LP1360

Triangulaire / *Three-square*
Dreikant / *Triangular*



Taille / Cut / Hieb / Picado									L =	A =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
		LP1360-4-0		LP1360-4-2		LP1360-4-4			4 / 100	7.5	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
LP1360-8-000	LP1360-8-00	LP1360-8-0	LP1360-8-1	LP1360-8-2		LP1360-8-4			8 / 200	14.2	12
	LP1360-10-00	LP1360-10-0	LP1360-10-1						10 / 250	17.2	12

LP1366

Triangulaire effilée / *Three-square narrow*
 Dreikant schmal / *Triangular delgada*



Taille / Cut / Hieb / Picado									L =	A =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
				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
		LP1366-8-0		LP1366-8-2					8 / 200	10.3	12

LP1367

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



Taille / Cut / Hieb / Picado									L =	A =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
	LP1367-6-00	LP1367-6-0		LP1367-6-2					6 / 150	7.5	12

LP1660

Ronde ordinaire pointue / *Round pointed*
 Rund normal spitz / *Redonda normal aguda*



Taille / Cut / Hieb / Picado									L =	A =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
			LP1660-4-1	LP1660-4-2		LP1660-4-4			4 / 100	3.9	12
			LP1660-6-1	LP1660-6-2	LP1660-6-3	LP1660-6-4		LP1660-6-5	6 / 150	5.9	12
			LP1660-8-1	LP1660-8-2	LP1660-8-3	LP1660-8-4			8 / 200	7.8	12
				LP1660-10-2					10 / 250	9.4	12

LP1666

Ronde effilée pointue / *Round extra slim*
 Rund extra dünn / *Redonda muy delgada*



Taille / Cut / Hieb / Picado									L =	A =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
				LP1666-6-2					6 / 150	4.4	12

LP1667

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



Taille / Cut / Hieb / Picado									L =	A =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
			LP1667-3-1						3 / 75	1.5	12
				LP1667-4-2					4 / 100	2.4	12
		LP1667-6-0		LP1667-6-2					6 / 150	3.9	12

LP1669

Ronde cylindrique / *Round cylindrical*
 Rund zylindrisch / *Redonda cilíndrica*



Taille / Cut / Hieb / Picado									L =	A = mm	
000	00	0	1	2	3	4	5	6	"/ mm		
		LP1669-4-0-1,6		LP1669-4-2-1,6				1.6	4 / 100	1.6	12
		LP1669-4-0-3						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

Ronde ordinaire mottue / *Round ordinary blunt*
 Rund normal stumpf / *Redonda normal punta plana*



Taille / Cut / Hieb / Picado									L =	A =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
	LP1670-4-00	LP1670-4-0							4 / 100	3.9	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

LP1676

Ronde effilée mottue / *Round slim blount*
 Rund dünn stumpf / *Redonda delgada con punta plana*



Taille / Cut / Hieb / Picado									L =	A =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
		LP1676-6-0							6 / 150	4.4	12

LP1680

Ronde à étirer / *Round seconds hole*
 Rundfeile zur Zapfenlöcher / *Redonda para taladros de pivotes*



Taille / Cut / Hieb / Picado									L =	A =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
				LP1680-1,5-2		LP1680-1,5-4			1.5 / 38	1	12
				LP1680-2-2		LP1680-2-4			2 / 50	1	12
				LP1680-2,5-2		LP1680-2,5-4			2.5 / 62	1.6	12

LP1464

Carrée pointue / *Square pointed*
 Vierkant spitz / *Cuadrada aguda*



Taille / Cut / Hieb / Picado									L =	A =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
				LP1464-4-2					4 / 100	3.6	12
			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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PRECISION FILES
PRÄZISIONSFEILEN
LIMAS DE PRECISIÓN

PREMIUM

LP1474

Carrée mottue / *Square blunt*
Vierkant stumpf / *Cuadrada punta plana*



Taille / Cut / Hieb / Picado									L =	A =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
	LP1474-4-00	LP1474-4-0							4 / 100	3.6	12
	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

Carrée à étirer / *Square seconds hole*
Vierkantfeile für Zapfenlöcher / *Cuadrada para taladores de pivotes*



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

LP1040

Joindre / *Slotting*
Bibeafeile / *Lima bibeau para armeros*



Taille / Cut / Hieb / Picado									L =	A =	
000	00	0	1	2	3	4	5	6	"/ mm	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 / *Barrette*
Barett / *Barrete*



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
	LP1060-4-00	LP1060-4-0	LP1060-4-1	LP1060-4-2		LP1060-4-4			4 / 100	12.4 x 2.6	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	LP1060-8-2					8 / 200	21.5 x 5	12

LP1061

Barrette spéciale / *Barrette special*
Barett spezial / *Barrete especial*



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
			LP1061-3-1			LP1061-3-4		LP1061-3-6	3 / 75	9 x 1.8	12
		LP1061-3.5-0		LP1061-3.5-2					3.5 / 90	10.5 x 2	12

LP1062

Barrette hot die / *Barrette hot die*
Barett Hot Die / *Barrete hot die*



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

Shaping your ideas

LP1065

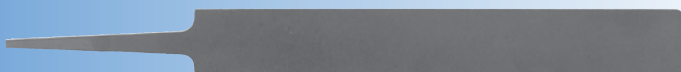
Triangulaire pour frettes / *Three-square fret file*
 Dreikant Bundfeile / *Triangular para trastes*



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	mm	mm	
			LP1065-5-1						5 / 125	13 x 6.5	12

LP1178

Plate pour frettes / *Hand fret file*
 Baret Bundfeile / *Barrete para trastes*



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
			LP1178-4,5-1-1	LP1178-4,5-1-1	LP1178-4,5-1-3				115	16 x 4	12

LP1730

Pippin / *Pippin*
 Spitzkugel / *Oval con borde redondo*



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
		LP1730-6-0		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

Couteau / *Knife*
 Messer / *Cuchillo*



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
		LP1760-4-0		LP1760-4-2		LP1760-4-4			4 / 100	12.4 x 2.8	12
	LP1760-6-00	LP1760-6-0	LP1760-6-1	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

A fendre à queue / *Screwhead with tang*
 Einstreichfeile mit Angel / *Lima de ranurar con espiga*



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

LP1850

A fendre sans queue / *Screwhead without tang*
 Einstreichfeile ohne Angel / *Lima de ranurar sin espiga*



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

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

LIMES DE PRÉCISION
PRECISION FILES
PRÄZISIONSFEILEN
LIMAS DE PRECISIÓN

PREMIUM

LP1860

A fendre pour pendules / *Screwhead clock*
Schraubenkopffeile für Uhrmacher / *De ranurar tornillos de péndulo*



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
		LP1860-6-0		LP1860-6-2					6 / 150	15 x 3.3	12

LP1960

Feuille de sauge / *Crossing*
Vogelzunge / *Almendra*



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
				LP1960-3,5-2		LP1960-3,5-4			3.5 / 90	10.2 x 2.9	
		LP1960-4-0		LP1960-4-2		LP1960-4-4			4 / 100	11.9 x 3.5	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

LP1292

Entrée / *Warding*
Flachspitz / *Plana de punta*



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
		LP1292-6-0		LP1292-6-2					6 / 150	10.5 x 2.4	12

LP1990

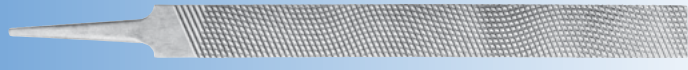
Ovale / *Oval*
Oval / *Oval*



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

LP5070

Multifile / *Multifile*
Multifile / *Multifile*



Taille / Cut / Hieb / Picado									L =	A x B =	
① = 6 / ② = 8	① = 5 / ② = 7	① = 4 / ② = 6							"/ mm	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

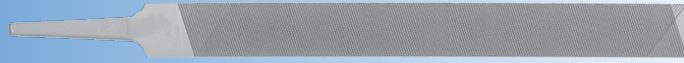
- ① Face 1 / Side 1 / Seite 1 / Lado 1
- ② Face 2 / Side 2 / Seite 2 / Lado 2

Shaping your ideas



LQ5010

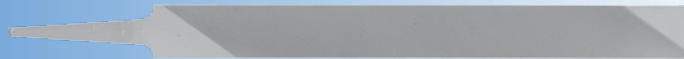
Plate à main / Hand
Flachstumpf / Plana paralela



Taille / Cut / Hieb / Picado			L = "/ mm	A x B = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LQ5010-8-1	LQ5010-8-2	LQ5010-8-3	8 / 200	21 x 5	12
LQ5010-10-1	LQ5010-10-2	LQ5010-10-3	10 / 250	25 x 6.5	12

LQ5020

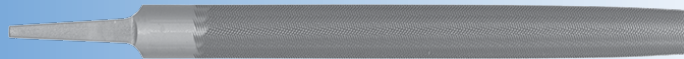
Plate pour tour / Lathe file
Drehnamkfeile / Plana para torno



Taille / Cut / Hieb / Picado			L = "/ mm	A x B = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
	LQ5020-10-2		10 / 250	25 x 6.5	12

LQ5100

Mironde / Halfround
Halbrund / Media caña



Taille / Cut / Hieb / Picado			L = "/ mm	A x B = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LQ5100-8-1	LQ5100-8-2	LQ5100-8-3	8 / 200	21 x 6	12
LQ5100-10-1	LQ5100-10-2	LQ5100-10-3	10 / 250	25 x 7	12

LQ5120

Triangulaire / Three-square
Dreikant / Triangular



Taille / Cut / Hieb / Picado			L = "/ mm	A = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LQ5120-8-1	LQ5120-8-2	LQ5120-8-3	8 / 200	14	12
LQ5120-10-1	LQ5120-10-2	LQ5120-10-3	10 / 250	17	12

LQ5150

Ronde / Round
Rund / Redonda



Taille / Cut / Hieb / Picado			L = "/ mm	A = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LQ5150-8-1	LQ5150-8-2	LQ5150-8-3	8 / 200	8	12
LQ5150-10-1	LQ5150-10-2	LQ5150-10-3	10 / 250	10	12

LIMES D'ATELIER SELF-SERVICE (EN ÉTUI)
 MACHINIST'S FILES SELF-SERVICE (IN POUCH)
 WERKZEUG-FEILEN SELF-SERVICE (IN TASCHE)
 LIMAS DE TALLER SELF-SERVICE (EN ESTUCHE)

CLASSIC

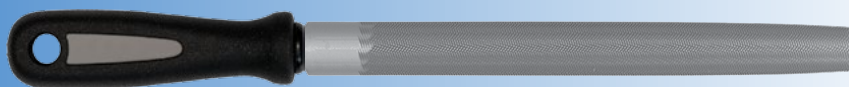


LQ5019
 Plate à main / Hand
 Flachstumpf / Plana paralela



Taille / Cut / Hieb / Picado			L = "/ mm	A x B = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LQ5019-8-1	LQ5019-8-2	LQ5019-8-3	8 / 200	21 x 5	6
LQ5019-10-1	LQ5019-10-2	LQ5019-10-3	10 / 250	25 x 6.5	6

LQ5109
 Mironde / Halfround
 Halbrund / Media caña



Taille / Cut / Hieb / Picado			L = "/ mm	A x B = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LQ5109-8-1	LQ5109-8-2	LQ5109-8-3	8 / 200	21 x 6	6
LQ5109-10-1	LQ5109-10-2	LQ5109-10-3	10 / 250	25 x 7	6

LQ5129
 Triangulaire / Three-square
 Dreikant / Triangular



Taille / Cut / Hieb / Picado			L = "/ mm	A = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LQ5129-8-1	LQ5129-8-2	LQ5129-8-3	8 / 200	14	6
LQ5129-10-1	LQ5129-10-2	LQ5129-10-3	10 / 250	17	6

LQ5159
 Ronde / Round
 Rund / Redonda



Taille / Cut / Hieb / Picado			L = "/ mm	A = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LQ5159-8-1	LQ5159-8-2	LQ5159-8-3	8 / 200	8	6
LQ5159-10-1	LQ5159-10-2	LQ5159-10-3	10 / 250	10	6

Nos étuis sont également disponibles sur demande / Our pouches are also available on request
 Unsere Taschen sind auch auf Anfrage erhältlich / Nuestros estuches están también disponibles bajo petición

LS5510

Plate à main / Hand
Flachstumpf / Plana paralela



Taille / Cut / Hieb / Picado			L = "/ mm	A x B = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LS5510-4-1	LS5510-4-2	LS5510-4-3	4 / 100	12 x 3	12
LS5510-6-1	LS5510-6-2	LS5510-6-3	6 / 150	16 x 4	12
LS5510-8-1	LS5510-8-2	LS5510-8-3	8 / 200	20 x 5	12
LS5510-10-1	LS5510-10-2	LS5510-10-3	10 / 250	25 x 5.5	12
LS5510-12-1	LS5510-12-2	LS5510-12-3	10 / 250	30 x 6	6
LS5510-14-1	LS5510-14-2		10 / 250	35 x 6.5	6

LS5520

Plate pointue / Hand
Flachstumpf / Plana paralela



Taille / Cut / Hieb / Picado			L = "/ mm	A x B = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LS5520-4-1	LS5520-4-2	LS5520-4-3	4 / 100	12 x 3	12
LS5520-6-1	LS5520-6-2	LS5520-6-3	6 / 150	16 x 4	12
LS5520-8-1	LS5520-8-2	LS5520-8-3	8 / 200	20 x 5	12
LS5520-10-1	LS5520-10-2	LS5520-10-3	10 / 250	25 x 5.5	12
LS5520-12-1	LS5520-12-2	LS5520-12-3	10 / 250	30 x 6	6
LS5520-14-1			10 / 250	35 x 6.5	6

LS5550

Mironde / Halfround
Halbrund / Media caña



Taille / Cut / Hieb / Picado			L = "/ mm	A x B = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LS5550-4-1	LS5550-4-2	LS5550-4-3	4 / 100	10 x 3	12
LS5550-6-1	LS5550-6-2	LS5550-6-3	6 / 150	16 x 4.7	12
LS5550-8-1	LS5550-8-2	LS5550-8-3	8 / 200	20.5 x 6	12
LS5550-10-1	LS5550-10-2	LS5550-10-3	10 / 250	26.5 x 7.5	12
LS5550-12-1	LS5550-12-2	LS5550-12-3	12 / 300	31 x 9	6
LS5550-14-1			14 / 350	35 x 10	6

LS5560

Triangulaire / Three-square
Dreikant / Triangular



Taille / Cut / Hieb / Picado			L = "/ mm	A = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LS5560-4-1	LS5560-4-2	LS5560-4-3	4 / 100	6.2	12
LS5560-6-1	LS5560-6-2	LS5560-6-3	6 / 150	11	12
LS5560-8-1	LS5560-8-2	LS5560-8-3	8 / 200	15.5	12
LS5560-10-1	LS5560-10-2	LS5560-10-3	10 / 250	17.5	12
LS5560-12-1	LS5560-12-2	LS5560-12-3	12 / 300	19.5	6

LS5580

Ronde / Round
Rund / Redonda



Taille / Cut / Hieb / Picado			L = "/ mm	A = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LS5580-4-1	LS5580-4-2	LS5580-4-3	4 / 100	3.6	12
LS5580-6-1	LS5580-6-2	LS5580-6-3	6 / 150	6	12
LS5580-8-1	LS5580-8-2	LS5580-8-3	8 / 200	8	12
LS5580-10-1	LS5580-10-2	LS5580-10-3	10 / 250	10	12
LS5580-12-1	LS5580-12-2	LS5580-12-3	12 / 300	12	12

LS5570

Carrée / Square
Vierkant / Cuadrada



Taille / Cut / Hieb / Picado			L = "/ mm	A = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LS5570-4-1	LS5570-4-2	LS5570-4-3	4 / 100	6	12
LS5570-6-1	LS5570-6-2	LS5570-6-3	6 / 150	6	12
LS5570-8-1	LS5570-8-2	LS5570-8-3	8 / 200	8	12
LS5570-10-1	LS5570-10-2	LS5570-10-3	10 / 250	10	12
LS5570-12-1	LS5570-12-2	LS5570-12-3	12 / 300	12	12

LS5530

Lime Handy / Handy file
Handy Feile / Lima Handy



Taille / Cut / Hieb / Picado			L = "/ mm	A x B = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LS5530-8			8 / 200	26 x 5	12

LIMES D'ATELIER SELF-SERVICE (EN ÉTUI)
 MACHINIST'S FILES SELF-SERVICE (IN POUCH)
 WERKZEUG-FEILEN SELF-SERVICE (IN TASCHE)
 LIMAS DE TALLER SELF-SERVICE (EN ESTUCHE)

SAVER



LS5519

Plate à main / Hand
 Flachstumpf / Plana paralela



Taille / Cut / Hieb / Picado			L = "/ mm	A x B = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LS5519-6-1	LS5519-6-2	LS5519-6-3	6 / 150	16 x 4	6
LS5519-8-1	LS5519-8-2	LS5519-8-3	8 / 200	20 x 5	6
LS5519-10-1	LS5519-10-2	LS5519-10-3	10 / 250	25 x 5.5	6

LS5529

Plate pointue / Hand
 Flachstumpf / Plana paralela



Taille / Cut / Hieb / Picado			L = "/ mm	A x B = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LS5529-6-1	LS5529-6-2	LS5529-6-3	6 / 150	16 x 4	6
LS5529-8-1	LS5529-8-2	LS5529-8-3	8 / 200	20 x 5	6
LS5529-10-1	LS5529-10-2	LS5529-10-3	10 / 250	25 x 5.5	6

LS5559

Mironde / Halfround
 Halbrund / Media caña



Taille / Cut / Hieb / Picado			L = "/ mm	A x B = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LS5559-6-1	LS5559-6-2	LS5559-6-3	6 / 150	16 x 4.7	6
LS5559-8-1	LS5559-8-2	LS5559-8-3	8 / 200	20.5 x 6	6
LS5559-10-1	LS5559-10-2	LS5559-10-3	10 / 250	26.5 x 7.5	6

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Shaping your ideas

LIMES D'ATELIER SELF-SERVICE (EN ÉTUI)
 MACHINIST'S FILES SELF-SERVICE (IN POUCH)
 WERKZEUG-FEILEN SELF-SERVICE (IN TASCHE)
 LIMAS DE TALLER SELF-SERVICE (EN ESTUCHE)

SAVER

LS5569

Triangulaire / Three-square
 Dreikant / Triangular



Taille / Cut / Hieb / Picado			L = "/ mm	A = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LS5569-6-1	LS5569-6-2	LS5569-6-3	6 / 150	11	6
LS5569-8-1	LS5569-8-2	LS5569-8-3	8 / 200	15.5	6
LS5569-10-1	LS5569-10-2	LS5569-10-3	10 / 250	17.5	6

LS5589

Ronde / Round
 Rund / Redonda



Taille / Cut / Hieb / Picado			L = "/ mm	A = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LS5589-6-1	LS5589-6-2	LS5589-6-3	6 / 150	6	6
LS5589-8-1	LS5589-8-2	LS5589-8-3	8 / 200	8	6
LS5589-10-1	LS5589-10-2	LS5589-10-3	10 / 250	10	6

LS5579

Carrée / Square
 Vierkant / Cuadrada



Taille / Cut / Hieb / Picado			L = "/ mm	A = mm	
Bâtard / Bastard / Bastard / Basta 1	Mi-doux / 2 ^e cut / Halbschlicht / Entre-fina 2	Doux / Smooth / Schlicht / Fina 3			
LS5579-6-1	LS5579-6-2	LS5579-6-3	6 / 150	6	6
LS5579-8-1	LS5579-8-2	LS5579-8-3	8 / 200	8	6
LS5579-10-1	LS5579-10-2	LS5579-10-3	10 / 250	10	6

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LIMES AIGUILLES
NEEDLE FILES
NADELFEILEN
LIMAS DE AGUJA

PREMIUM

LA2401

Pilier / Pillar
Flachstumpf / Plana



Taille / Cut / Hieb / Picado							L = mm	A x B = mm	
00	0	1	2	3	4	6			
	LA2401-100-0	LA2401-100-1	LA2401-100-2	LA2401-100-3	LA2401-100-4		100	3.5 x 0.9	12
LA2401-140-00	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

Mironde / Halfround
Halbrund / Media caña



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

Feuille de sauge / Crossing
Vogelzunge / Almendra



Taille / Cut / Hieb / Picado							L = mm	A x B = mm	
00	0	1	2	3	4	6			
			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	LA2403-140-3	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

Couteau / Knife
Messer / Cuchillo



Taille / Cut / Hieb / Picado							L = mm	A x B = mm	
00	0	1	2	3	4	6			
		LA2405-100-1	LA2405-100-2	LA2405-100-3	LA2405-100-4		100	4.0 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	6.0 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

Shaping your ideas

LIMES AIGUILLES
NEEDLE FILES
NADELFEILEN
LIMAS DE AGUJA

PREMIUM

LA2406

Entrée / Warding
Flachspitz / Plana de punta



Taille / Cut / Hieb / Picado							L =	A x B =	
00	0	1	2	3	4	6	mm	mm	
			LA2406-100-2	LA2406-100-3			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	6.0 x 1.2	12
	LA2406-200-0	LA2406-200-1	LA2406-200-2		LA2406-200-4		200	6.5 x 1.4	12

LA2407

Triangulaire / Three-square
Dreikant / Triangular



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

Carrée / Square
Vierkant / Cuadrada



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

Ovale / Oval
Oval / Oval



Taille / Cut / Hieb / Picado							L =	A x B =	
00	0	1	2	3	4	6	mm	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	LA2409-200-1	LA2409-200-2				200	4.4 x 2.9	12

LA2410

Ronde / Round
Rund / Redonda



Taille / Cut / Hieb / Picado							L =	A =	
00	0	1	2	3	4	6	mm	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 / Barrette
Barett / Barrete



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

A fendre / Slitting
Schwert parallel / Para ranurar



Taille / Cut / Hieb / Picado							L = mm	A x B = mm	
00	0	1	2	3	4	6			
			LA2414-100-2	LA2414-100-3	LA2414-100-4		100	4.6 x 1.6	12
	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 / Crochet
Flachspitz runde Kanten / Gancho



Taille / Cut / Hieb / Picado							L = mm	A x B = mm	
00	0	1	2	3	4	6			
			LA2415-100-2				100	3.7 x 1	12
	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	LA2415-180-1	LA2415-180-2				180	5.9 x 1.4	12
	LA2415-200-0	LA2415-200-1					200	6.5 x 1.5	12

LA2416

Pilier bords ronds / Pillar round edges
Flachstumpf runde Kanten / Plana de bordes redondos



Taille / Cut / Hieb / Picado							L = mm	A x B = mm	
00	0	1	2	3	4	6			
			LA2416-100-2				100	3.8 x 1	12
	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	LA2416-180-1	LA2416-180-2				180	6 x 1.4	12
	LA2416-200-0	LA2416-200-1					200	6.5 x 1.5	12

LA2417

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



Taille / Cut / Hieb / Picado							L = mm	A x B = mm	
00	0	1	2	3	4	6			
				LA2417-100-3	LA2417-100-4		100	3.8 x 1	12
			LA2417-140-2	LA2417-140-3	LA2417-140-4		140	4.8 x 1.2	12
	LA2417-160-0	LA2417-160-1	LA2417-160-2		LA2417-160-4		160	5.4 x 1.3	12

LIMES AIGUILLES
NEEDLE FILES
NADELFEILEN
LIMAS DE AGUJA

PREMIUM

LA2418

Mironde dos seul taillé / *Halfround, cut on back only*
Halbrund nur Rücken genauen / *Media caña, solo lomo con picado*



Taille / Cut / Hieb / Picado							L =	A x B =	
00	0	1	2	3	4	6	mm	mm	
				LA2418-100-3	LA2418-100-4		100	3.8 x 1.2	12
			LA2418-140-2	LA2418-140-3	LA2418-140-4		140	5.1 x 1.5	12
	LA2418-160-0	LA2418-160-1	LA2418-160-2		LA2418-160-4		160	5.6 x 1.8	12

LA2420

Lime pour contact / *Contact point file*
Kontaktfeile / *Lima para platinos*



Taille / Cut / Hieb / Picado							L =	A x B =	
00	0	1	2	3	4	6	mm	mm	
	LA2420-130-0		LA2420-130-2				130	8 x 0.9	12

LA2423

Ronde effilée / *Round slim*
Rund dünn / *Redonda delgada*



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

LA2424

Barrette hot die / *Barrette hot die*
Barett Hot Die / *Barrete hot die*



Taille / Cut / Hieb / Picado								L =	A x B =		
000	00	0	1	2	3	4	5	6	mm		mm
			LA2424-140-1						140	4.7 x 1.7	12
		LA2424-160-0							160	5.1 x 1.8	12

LA2427

Triangulaire angles vifs / *Three-square sharpened edges*
Dreikant scharfe Kanten / *Triangular ángulos afilados*



Taille / Cut / Hieb / Picado							L =	A =	
00	0	1	2	3	4	6	mm	mm	
					LA2427-200-4		200	4.5	12

LA2437

Triangulaire pour frettes / *Three-square fret files*
Dreikan-Bundfeile / *Triangular para trastes*



Taille / Cut / Hieb / Picado							L =	A =	
00	0	1	2	3	4	6	mm	mm	
				LA2437-180-3			180	4.6	12

LAM001
Pilier / Pillar
Flachstumpf / Plana



Taille / Cut / Hieb / Picado							L = mm	A x B = mm	
00	0	1	2	3	4	6			
	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
Mironde / Halfround
Halbrund / Media caña



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

LAM005
Couteau / Knife
Messer / Cuchillo



Taille / Cut / Hieb / Picado							L = mm	A x B = mm	
00	0	1	2	3	4	6			
	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
Entrée / Warding
Flachspitz / Plana de punta



Taille / Cut / Hieb / Picado							L = mm	A x B = mm	
00	0	1	2	3	4	6			
	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
	LAM006-180-0		LAM006-180-2				180	6.0 x 1.2	12

LAM007
Triangulaire / Three-square
Dreikant / Triangular



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

Carrée / Square
Vierkant / Cuadrada



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

LAM009

Ovale / Oval
Oval / Oval



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

LAM010

Ronde / Round
Rund / Redonda



Taille / Cut / Hieb / Picado							L = mm	A = mm	
00	0	1	2	3	4	6			
	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 / Barrette
Barett / Barrete



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

LAM015

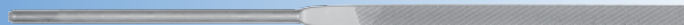
Crochet / Crochet
Flachspitz runde Kanten / Gancho



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

LAM016

Pilier bords ronds / Pillar round edges
Flachstumpf runde Kanten / Plana de bordes redondos



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

LH2601

Pilier / Pillar
Flachstumpf / Plana



Taille / Cut / Hieb / Picado		L = mm	A x B = mm	
00	1			
LH2601-00	LH2601-1	215	10 x 2.6	12

LH2602

Mironde / Halfround
Halbrund / Media caña



Taille / Cut / Hieb / Picado		L = mm	A x B = mm	
00	1			
LH2602-00	LH2602-1	215	12.2 x 3.4	12

LH2607

Triangulaire / Three-square
Dreikant / Triangular



Taille / Cut / Hieb / Picado		L = mm	A = mm	
00	1			
LH2607-00	LH2607-1	215	9.5	12

LH2608

Carrée / Square
Vierkant / Cuadrada



Taille / Cut / Hieb / Picado		L = mm	A = mm	
00	1			
LH2608-00	LH2608-1	215	6	12

LH2610

Ronde / Round
Rund / Redonda



Taille / Cut / Hieb / Picado		L = mm	A = mm	
00	1			
LH2610-00	LH2610-1	215	6.5	12

LH2901

Pilier Multifile / Pillar Multifile
Flachstumpf Multifile / Plana Multifile



Taille / Cut / Hieb / Picado		L = mm	A x B = mm	
00	1			
LH2901-00		215	10 x 3.2	12


LIMES HABILIS
FILES HABILIS
FEILEN HABILIS
LIMAS HABILIS

CLASSIC

LH9602

Mironde / Halfround
Halbrund / Media caña




Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
00	0	2			
LH9602-00	LH9602-0	LH9602-2	212	12.4 x 3.4	12



LH9607


Triangulaire / Three-square
Dreikant / Triangular





Taille / Cut / Hieb / Picado			L = mm	A = mm	
00	0	2			
LH9607-00	LH9607-0	LH9607-2	215	8	12


LR12900
Joindresse / Slotting
Bibeaufeile / Lima bibeau para armeros



Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12900-0	LR12900-2		150	2.9	6


LR12901
Barrette / Barrette
Barett / Barrete



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12901-0	LR12901-2		150	3.8 x 1.2	6


LR12902
Demi barrette / Half barrette
Halb Barett / Semi barrete



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12902-0	LR12902-2		150	4 x 1.4	6


LR12905
Plat pointu / Flat pointed
Flachspitz / Plano de punta



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12905-0	LR12905-2	LR12905-4	150	2 x 1.2	6


LR12910
Plat / Hand
Flachstumpf / Plano



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12910-0	LR12910-2		150	2 x 1.2	6


LR12911
Plat / Hand
Flachstumpf / Plano



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12911-0	LR12911-2	LR12911-4	150	2 x 1.2	6


LR12912
Plat / Hand
Flachstumpf / Plano



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12912-0	LR12912-2		150	2.6 x 1.5	6


LR12913
Plat / Hand
Flachstumpf / Plano



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12913-0	LR12913-2		150	2.6 x 1.5	6


LR12914
Plat pointu / Flat pointed
Flachspitz / Plano de punta



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12914-0	LR12914-2		150	3.4 x 1.5	6


LR12915
Plat pointu / Flat pointed
Flachspitz / Plano de punta



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12915-0	LR12915-2	LR12915-4	150	3.4 x 1.5	6


LR12916
Plat / Hand
Flachstumpf / Plano

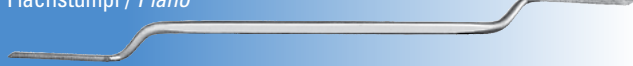
Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
	LR12916-2		150	3 x 3	6

LR12917
Plat / Hand
Flachstumpf / Plano

Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12917-0	LR12917-2		150	3 x 3	6

LR12918
Plat / Hand
Flachstumpf / Plano



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12918-0	LR12918-2		150	3.8 x 1.6	6

LR12919
Entrée / Warding
Flachspitz / Plano de punta



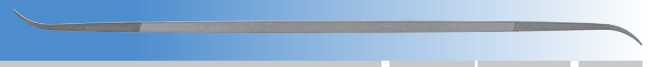
Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12919-0	LR12919-2		150	2 x 0.8	6

LR12920
Entrée / Warding
Flachspitz / Plano de punta



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12920-0	LR12920-2		150	4.6 x 1	6

LR12930
Carré / Square
Vierekant / Cuadrado



Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12930-0	LR12930-2	LR12930-4	150	2.5	6

LR12931
Carré / Square
Vierekant / Cuadrado



Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12931-0	LR12931-2		150	1.9	6

LR12940
Triangulaire / Three-square
Dreikant / Triangular



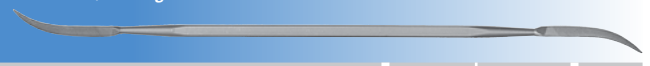
Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12940-0	LR12940-2	LR12940-4	150	2	6

LR12941
Triangulaire / Three-square
Dreikant / Triangular



Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12941-0	LR12941-2		150	2.6	6

LR12942
Triangulaire / Three-square
Dreikant / Triangular



Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12942-0	LR12942-2	LR12942-4	150	3.0	6

LR12943
Triangulaire / Three-square
Dreikant / Triangular



Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12943-0	LR12943-2		150	3.4	6

LR12950
Couteau face taillée / Knife side cut / Messer (nur Vorderseite genauhen) / Cuchillo lado tallado



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12950-0			150	4.6 x 1.2	6

LR12951
Couteau / Knife
Messer / Cuchillo



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12951-0	LR12951-2	LR12951-4	150	4.4 x 1.2	6

LR12952
Couteau / Knife
Messer / Cuchillo



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12952-0	LR12952-2	LR12952-4	150	4.4 x 1.2	6

LR12953

Couteau échancré / *Knife indented*
Messer mit Schweiß / *Cuchillo recortado*



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12953-0	LR12953-2		150	2.5 x 1	6

LR12954

Pippin / *Pippin*
Spitzkugel / *Oval con borde redondo*



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12954-0	LR12954-2		150	4.7 x 1.3	6

LR12955

Pippin / *Pippin*
Spitzkugel / *Oval con borde redondo*



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12955-0	LR12955-2		150	4.7 x 1.3	6

LR12956

Couteau filet plat / *Knife flat edge*
Messer dünn flach / *Cuchillo lado plano*



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12956-0	LR12956-2	LR12956-4	150	4.4 x 1.2	6

LR12957

Couteau filet rond / *Knife round edge*
Messer dünn rund / *Cuchillo lado redondo*



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12957-0	LR12957-2		150	4.4 x 1.2	6

LR12958

Couteau biseau / *Knife bevel*
Messer abgeschrägt / *Cuchillo chaflán*



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
	LR12958-2		150	4.4 x 1.2	6

LR12961

Mirond / *Halfround*
Halbrund / *Media caña*



Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12961-0	LR12961-2		150	4.5 x 2.2	6

LR12962

Mirond / *Halfround*
Halbrund / *Media caña*



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12962-0	LR12962-2		150	4.6 x 1.6	6

LR12963

Mirond / *Halfround*
Halbrund / *Media caña*



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12963-0	LR12963-2	LR12963-4	150	4.6 x 1.5	6

LR12964

Mirond / *Halfround*
Halbrund / *Media caña*



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12964-0	LR12964-2		150	4.6 x 1.4	6

LR12965

Mirond plat taillé / *Halfround flat side cut*
Halbrund (Flachs. gehau.) / *Media caña plano tall.*



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12965-0	LR12965-2	LR12965-4	150	5 x 1.9	6

LR12970

Feuille de sauge / *Crossing*
Vogelzunge / *Almendra*



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12970-0	LR12970-2	LR12970-4	150	1.7 x 1.2	6

LR12971
Feuille de sauge / Crossing
Vogelzunge / Almendra



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12971-0	LR12971-2		150	4.2 x 1.6	6

LR12972
Feuille de sauge / Crossing
Vogelzunge / Almendra



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12972-0	LR12972-2	LR12972-4	150	3.8 x 1.8	6

LR12973
Feuille de sauge / Crossing
Vogelzunge / Almendra



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12973-0	LR12973-2		150	3.8 x 1.8	6

LR12974
Feuille de sauge / Crossing
Vogelzunge / Almendra



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12974-0	LR12974-2		150	3.8 x 1.8	6

LR12975
Feuille de sauge / Crossing
Vogelzunge / Almendra



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12975-0	LR12975-2		150	4 x 1.9	6

LR12980
Rond / Round
Rund / Redondo



Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
	LR12980-2		150	3.1	6

LR12981
Rond / Round
Rund / Redondo



Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12981-0	LR12981-2	LR12981-4	150	3.1	6

LR12982
Pompon / Round - pompon
Verrundet / Pompón



Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12982-0	LR12982-2		150	3	6

LR12983
Rond / Round
Rund / Redondo



Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12983-0	LR12983-2	LR12983-4	150	3.2	6

LR12984
Rond / Round
Rund / Redondo



Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12984-0	LR12984-2	LR12984-4	150	3.1	6

LR12985
Rond / Round
Rund / Redondo



Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12985-0	LR12985-2	LR12985-4	150	3.2	6

LR12986
Rond / Round
Rund / Redondo




Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12986-0	LR12986-2	LR12986-4	150	2.6	6

LR12987

Rond / Round
 Rund / Redondo




Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12987-0	LR12987-2		150	3.2	6

LR12988

Rond / Round
 Rund / Redondo




Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12988-0	LR12988-2		150	3.2	6

LR12990

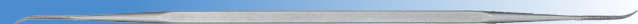
Pippin / Pippin
 Spitzkugel / Oval con borde redondo




Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12990-0	LR12990-2		150	3.2 x 1.2	6

LR12996

Oval / Oval
 Oval / Oval



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12996-0	LR12996-2	LR12996-4	150	1.9 x 1.4	6

LR12700

Joindresse / Slotting
Bibeaufeile / Lima bibeau para armeros



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12700-0	LR12700-2		180	8 x 3.7	6

LR12710

Plat / Hand
Flachstumpf / Plano



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12710-0	LR12710-2		180	8.3 x 2.4	6

LR12711

Plat / Hand
Flachstumpf / Plano



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12711-0	LR12711-2		180	8.3 x 2.4	6

LR12712

Plat pointu / Flat pointed
Flachspitz / Plano de punta



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12712-0	LR12712-2		180	8.3 x 2.4	6

LR12713

Entrée / Warding
Flachspitz / Plano de punta



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12713-0	LR12713-2		180	8.3 x 2.4	6

LR12731

Carré / Square
Vierekant / Cuadrado



Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12731-0	LR12731-2		180	4.8	6

LR12732

Carré / Square
Vierekant / Cuadrado



Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12732-0	LR12732-2		180	4.6	6

LR12741

Triangulaire / Three-square
Dreikant / Triangular



Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12741-0	LR12741-2		180	7.4	6

LR12750

Couteau / Knife
Messer / Cuchillo



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12750-0	LR12750-2		180	4.4 x 1.2	6

LR12761

Mirond / Halfround
Halbrund / Media caña



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12761-0	LR12761-2		180	9.5 x 3.8	6

LR12762

Mirond / Halfround
Halbrund / Media caña



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12762-0	LR12762-2		180	9 x 3.7	6

LR12763

Mirond / Halfround
Halbrund / Media caña




Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12763-0	LR12763-2		180	9.2 x 3.6	6

LR12764

Mirond plat taillé / *Halfround flat side cut*
Halbrund (Flachs. gehau.) / *Media caña plano tall.*




Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12764-0	LR12764-2		180	9.2 x 3.6	6

LR12771

Feuille de sauge / *Crossing*
Vogelzunge / *Almendra*




Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12771-0	LR12771-2		180	7.8 x 4.1	6

LR12781

Rond / *Round*
Rund / *Redondo*




Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12781-0	LR12781-2		180	4.8	6

LR12782

Pompon / *Round - pompon*
Verrundet / *Pompón*




Taille / Cut / Hieb / Picado			L = mm	A = mm	
0	2	4			
LR12782-0	LR12782-2		180	5.2	6

LR12790

Pippin / *Pippin*
Spitzkugel / *Oval con borde redondo*




Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
	LR12790-2		180	8 x 4	6

LR12795

Oval / *Oval*
Oval / *Oval*




Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
	LR12795-2		180	8 x 4	6

LR12796

Oval / *Oval*
Oval / *Oval*



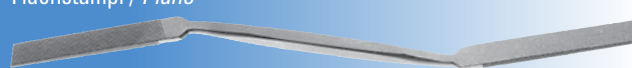
Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
0	2	4			
LR12796-0			180	7.3 x 5	6

LR12410
Plat / Hand
Flachstumpf / Plano



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
00	0	2			
LR12410-00	LR12410-0	LR12410-2	300	12.8 x 4	6

LR12411
Plat / Hand
Flachstumpf / Plano



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
00	0	2			
LR12411-00	LR12411-0	LR12411-2	300	12.8 x 4	6

LR12430
Carré / Square
Vierekant / Cuadrado



Taille / Cut / Hieb / Picado			L = mm	A = mm	
00	0	2			
LR12430-00	LR12430-0		300	7.5	6

LR12440
Triangulaire / Three-square
Dreikant / Triangular



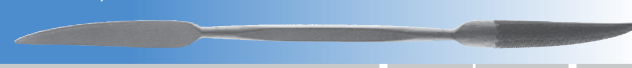
Taille / Cut / Hieb / Picado			L = mm	A = mm	
00	0	2			
LR12440-00	LR12440-0	LR12440-2	300	10.5	6

LR12450
Couteau / Knife
Messer / Cuchillo



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
00	0	2			
	LR12450-0	LR12450-2	300	14.5 x 3.8	6

LR12460
Mirond / Halfround
Halbrund / Media caña



Taille / Cut / Hieb / Picado			L = mm	A x B = mm	
00	0	2			
LR12460-00	LR12460-0		300	15.4 x 5.4	6

LR12480
Rond / Round
Rund / Redondo



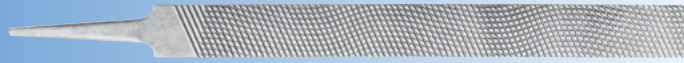
Taille / Cut / Hieb / Picado			L = mm	A = mm	
00	0	2			
LR12480-00	LR12480-0	LR12480-2	300	7.5	6

LIMES TAILLES SPÉCIALES
 SPECIAL CUT FILES
 SPEZIALHIEB FEILEN
 LIMAS PICADOS ESPECIALES

PREMIUM

LP5070

Multifile / *Multifile*
 Multifile / *Multifile*



Taille / Cut / Hieb / Picado									L =	A x B =	
① = 6 / ② = 8	① = 5 / ② = 7	① = 4 / ② = 6							"/ mm	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

- ① Face 1 / Side 1 / Seite 1 / Lado 1
- ② Face 2 / Side 2 / Seite 2 / Lado 2

LP1166

Carrelette à canneler / *Hand checkering*
 Kannelier Ansatz / *Carleta para estriar*



Taille (rayes/cm) / Cut (rows/m) / Hieb (Fäden/cm) / Picado (rayas/cm)									L =	A x B =	
000	00 (8)	0 (12)	1 (16)	2 (20)	3	4	5	6	"/ mm	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

Pilier à canneler / *Pillar checkering*
 Kannelier Stiften / *Plana paralela para estriar*



Taille (rayes/cm) / Cut (rows/m) / Hieb (Fäden/cm) / Picado (rayas/cm)									L =	A x B =	
000	00 (8)	0 (12)	1 (16)	2 (20)	3	4 (30)	5	6	"/ mm	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

Pilier Habilis Multifile / *Habilis pillar Multifile*
 Habilis Flachstumpf Multifile / *Plana Habilis Multifile*



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	mm	mm	
	LH2901-00								215	10 x 3.2	12

Shaping your ideas

LIMES TAILLES SPÉCIALES
 SPECIAL CUT FILES
 SPEZIALHIEB FEILEN
 LIMAS PICADOS ESPECIALES

PREMIUM

LQ5020

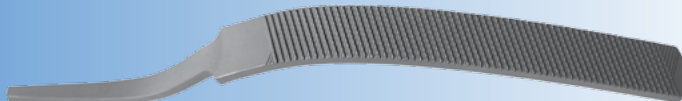
Plates pour tour / *Lathe file*
 Drehnamkfeile / *Plana para torno*



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
				LQ5020-10-2					10 / 250	25 x 6.5	12

LQPL218

Plate incurvée / *Incurved hand*
 Gebogene Flachfeile / *Plana hueca*



Taille / Cut / Hieb / Picado									L =	A x B =	
									"/ mm	mm	
LQPL218-8									8 / 200	25 x 5	6

LQPL230

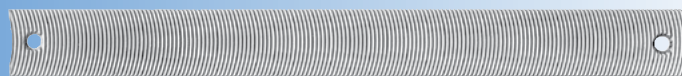
Plate incurvée / *Incurved hand*
 Gebogene Flachfeile / *Plana hueca*



Taille / Cut / Hieb / Picado									L =	A x B =	
									mm	mm	
LQPL230									360	34 x 5.5	6

LQ5410

Lime pour carrossiers / *Car body file*
 Karrossierfeile / *Lima para carroceros*



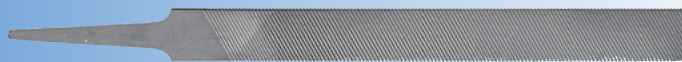
Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
			LQ5410-14-1	LQ5410-14-2					14 / 350	34 x 4.5	6

LIMES MATÉRIAUX TENDRES
 SOFT MATERIALS FILES
 WEICHER WERKSTOFFE FEILEN
 LIMAS MATERIALES BLANDOS

PREMIUM

LP1312

Plate pour aluminium / Flat for aluminium
 Flachfeile für Aluminium / Plana para aluminio



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

Mironde pour aluminium / Halfround for aluminium
 Halbbrundfeile für Aluminium / Media caña para aluminio



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
		LP1352-6-0							6 / 150	18.4 x 5.2	12
		LP1352-8-0							8 / 200	21.1 x 6.3	12
		LP1352-10-0							10 / 250	25.5 x 7.5	12

LP1712

Plate pour plastique / Hand for plastic
 Hand für Kunststoff / Plana para plástico



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
				LP1712-6-2					6 / 150	15.5 x 3.5	12

LP1752

Mironde pour plastique / Halfround for plastic
 Halbbrundfeile für Plastik / Media caña para plástico



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
				LP1752-6-2					6 / 150	18 x 5.3	12

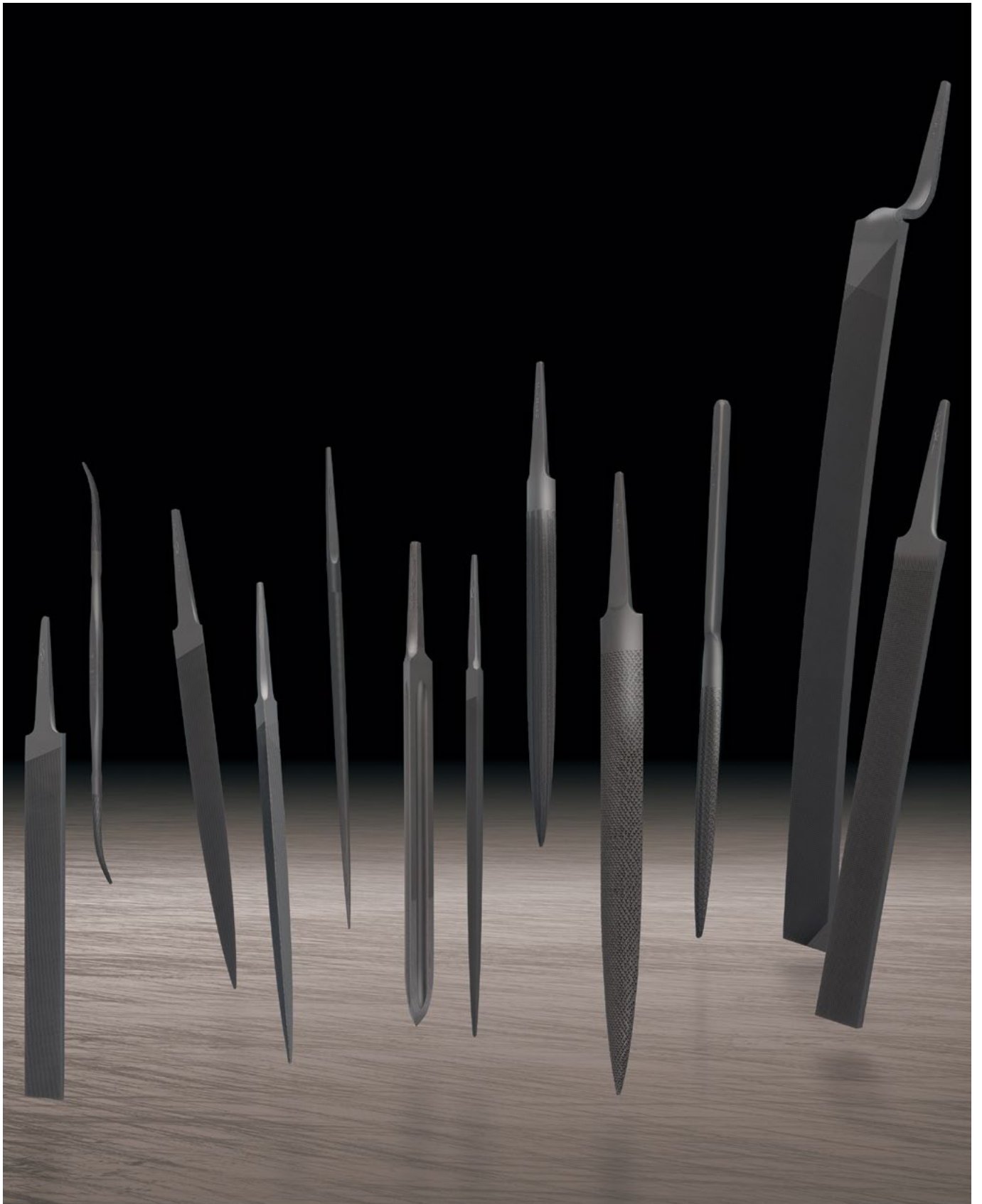
LP1540

Mironde pour cire / Halfround for wax
 Halbbrundfeile für Wachs / Media caña para cera



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

Shaping your ideas



LIMES AIGUILLES DIAMANTÉES
 DIAMOND NEEDLE FILES
 DIAMANT NADELFEILEN
 LIMAS DE AGUJA DIAMANTADAS

PREMIUM

DA8401
 Pilier / Pillar
 Flachstumpf / Plana



Grain / Grit / Körnung / Grano			L = mm	A x B = mm	
91	126	181			
DA8401-91	DA8401-126	DA8401-181	140	4.8 x 1.1	1

DA8402
 Mironde / Halfround
 Halbrund / Media caña



Grain / Grit / Körnung / Grano			L = mm	A x B = mm	
91	126	181			
DA8402-91	DA8402-126	DA8402-181	140	5.1 x 1.5	1

DA8403
 Feuille de sauge / Crossing
 Vogelzunge / Almendra



Grain / Grit / Körnung / Grano			L = mm	A x B = mm	
91	126	181			
DA8403-91	DA8403-126		140	4.4 x 1.8	1

DA8405
 Couteau / Knife
 Messer / Cuchillo



Grain / Grit / Körnung / Grano			L = mm	A x B = mm	
91	126	181			
DA8405-91	DA8405-126		140	5.0 x 1.4	1

DA8407
 Triangulaire / Three-square
 Dreikant / Triangular



Grain / Grit / Körnung / Grano			L = mm	A = mm	
91	126	181			
DA8407-91	DA8407-126	DA8407-181	140	3.5	1

DA8408
 Carrée / Square
 Vierkant / Cuadrada



Grain / Grit / Körnung / Grano			L = mm	A = mm	
91	126	181			
DA8408-91	DA8408-126	DA8408-181	140	2.2	1

DA8410
 Ronde / Round
 Rund / Redonda



Grain / Grit / Körnung / Grano			L = mm	A = mm	
91	126	181			
DA8410-91	DA8410-126	DA8410-181	140	2.8	1

DA8411
 Barrette / Barrette
 Baret / Barrete



Grain / Grit / Körnung / Grano			L = mm	A x B = mm	
91	126	181			
	DA8411-126		140	4.7 x 1.7	1

D91 Pour finition / For finishing / Zum Feinfeilen / Para acabados
 D126 Usage universel / For general use / Univ. Gebrauch / Uso general
 D181 Pour ébaucher / For roughing / Zum Vorfeilen / Para desbastar

Shaping your ideas

LIMES AIGUILLES DIAMANTÉES
 DIAMOND NEEDLE FILES
 DIAMANT NADELFEILEN
 LIMAS DE AGUJA DIAMANTADAS

CLASSIC

DA9401

Pilier / Pillar
 Flachstumpf / Plana



Grain / Grit / Körnung / Grano	L = mm	A x B = mm	
91			
DA9401-91	140	4.8 x 1.1	1

DA9402

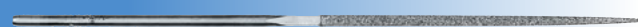
Mironde / Halfround
 Halbrund / Media caña



Grain / Grit / Körnung / Grano	L = mm	A x B = mm	
91			
DA9402-91	140	5.1 x 1.5	1

DA9407

Triangulaire / Three-square
 Dreikant / Triangular



Grain / Grit / Körnung / Grano	L = mm	A = mm	
91			
DA9407-91	140	3.5	1

DA9408

Carrée / Square
 Vierkant / Cuadrada




Grain / Grit / Körnung / Grano	L = mm	A = mm	
91			
DA9408-91	140	2.2	1

DA9410

Ronde / Round
 Rund / Redonda





Grain / Grit / Körnung / Grano	L = mm	A = mm	
91			
DA9410-91	140	2.8	1


D91 Pour finition / For finishing / Zum Feinfeilen / Para acabados

LIMES DIAMANTÉES HABILIS
 DIAMOND FILES HABILIS
 DIAMANT FEILEN HABILIS
 LIMAS DIAMANTADAS HABILIS



PREMIUM


DH8201
 Pilier / Pillar
 Flachstumpf / Plana



Grain / Grit / Körnung / Grano	L = mm	A x B = mm	
126			
DH8201-126	215	10 x 2.6	1


DH8202
 Mironde / Halfround
 Halbrund / Media caña



Grain / Grit / Körnung / Grano	L = mm	A x B = mm	
126			
DH8202-126	215	12.2 x 3.4	1


DH8207
 Triangulaire / Three-square
 Dreikant / Triangular



Grain / Grit / Körnung / Grano	L = mm	A = mm	
126			
DH8207-126	215	9.5	1


DH8208
 Carrée / Square
 Vierkant / Cuadrada

Grain / Grit / Körnung / Grano	L = mm	A = mm	
126			
DH8208-126	215	6	1

DH8210
 Ronde / Round
 Rund / Redonda

Grain / Grit / Körnung / Grano	L = mm	A = mm	
126			
DH8210-126	215	6.5	1



D126 Usage universel / For general use / Univ. Gebrauch / Uso general


Shaping your ideas

RIFLOIRS DIAMANTÉS
 DIAMOND RIFFLERS
 DIAMANT RIFFELFEILEN
 CODILLOS DIAMANTADOS



PREMIUM


DR8515
 Feuille de sauge / *Crossing*
 Vogelzunge / *Almendra*



Grain / Grit / Körnung / Grano	L = mm	A x B = mm	
126			
DR8515-126	150	3.8 x 1.8	1


DR8516
 Feuille de sauge / *Crossing*
 Vogelzunge / *Almendra*

Grain / Grit / Körnung / Grano	L = mm	A x B = mm	
126			
DR8516-126	150	3.8 x 1.8	1

DR8518
 Plate / *Hand*
 Flachstumpf / *Plana*



Grain / Grit / Körnung / Grano	L = mm	A x B = mm	
126			
DR8518-126	150	2.6 x 1.5	1


DR8520
 Carrée / *Square*
 Vierkant / *Cuadrada*




Grain / Grit / Körnung / Grano	L = mm	A = mm	
126			
DR8520-126	150	2.5	1

DR8522
 Triangulaire / *Three-square*
 Dreikant / *Triangular*

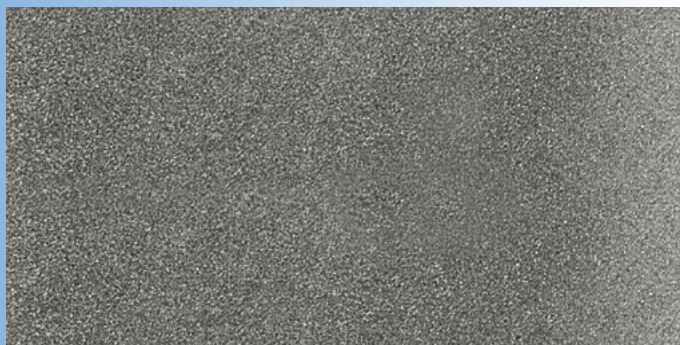



Grain / Grit / Körnung / Grano	L = mm	A = mm	
126			
DR8522-126	150	3	1

D126 Usage universel / *For general use* / Univ. Gebrauch / *Usa general*

DD8800

Feuilles diamantée / *Diamond foils*
 Diamantfolien / *Hojas diamantadas*



Grain / Grit / Körnung / Grano

300	400	600	1000	L x l = mm	
DD8800-300	DD8800-400	DD8800-600	DD8800-1000	100 x 50	1



LIMES VALTITAN®
FILES VALTITAN®
FEILEN VALTITAN®
LIMAS VALTITAN®

PREMIUM

Le traitement Valtitan® est un revêtement de dureté en surface, qui est proposé sur une sélection de nos produits Lime de précision Valtitan® (LPV) et Limes aiguilles Valtitan® (LAV) (cf. p. 49-51).

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. 49-51).

Das Verfahren Valtitan® ist eine Oberflächenhärtung welche auf diversen Produkten der Präzisionsfeilen Valtitan® (LPV) und Nadelfeilen (LAV) (siehe S. 49-51) erhältlich ist.

El tratamiento Valtitan® es un revestimiento que endurece la superficie y se ofrece para una selección de productos; Limas de precisión Valtitan® (LPV) y Limas de aguja Valtitan® (LAV) (vea pág. 49-51).

Nous vous proposons d'obtenir ce traitement sur d'autres produits de notre gamme Lime de précision (LP) et Limes aiguilles (LA) aux conditions suivantes :

We can offer you the same treatment on other Precision files (LP) and Needle files (LA) on the following conditions :

Diese Behandlung bieten wir auch auf anderen Produkten unser Präzisionsfeilen (LP) und Nadelfeilen (LA) zu folgenden Konditionen an :

Le proponemos aplicar este tratamiento sobre otros productos de nuestra gama Limas de precisión (LP) y Limas de aguja (LA) con las siguientes condiciones :

- Prix et quantité sur demande

- Price and quantity upon request

- Preis und Menge auf Anfrage

- Precio y cantidad: bajo petición



Shaping your ideas

LPV1163

Carrelette/ Hand
Ansatz / Carleta



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

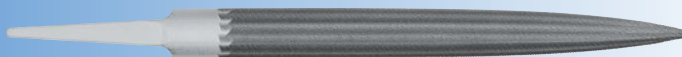
Pilier ordinaire 2 côtés / Regular pillar 2 sides cut
Stiften normal 2 Seiten / Plana paralela normal con picado s. 2 lad.



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

Mironde ordinaire / Halfround ordinary
Halbrund normal / Media caña normal



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
	LPV1560-6-00	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

Mironde effilée / Halfround slim
Halbrund schlank / Media caña delgada



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
		LPV1566-6-0		LPV1566-6-2					6 / 150	12.7 x 3.5	12

LPV1360

Triangulaire / Three-square
Dreikant / Triangular



Taille / Cut / Hieb / Picado									L =	A =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
		LPV1360-6-0		LPV1360-6-2					6 / 150	14.2	12
		LPV1360-8-0		LPV1360-8-2					8 / 200	14.2	12

LPV1660

Ronde ordinaire pointue / Round pointed
Rund normal spitz / Redonda normal aguda



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

LPV1670
 Ronde ordinaire mottue / *Round ordinary blunt*
 Rund normal stumpf / *Redonda normal punta plana*



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

LPV1060
 Barrette / *Barrette*
 Barett / *Barrete*



Taille / Cut / Hieb / Picado									L =	A x B =	
000	00	0	1	2	3	4	5	6	"/ mm	mm	
		LP1060-6-0		LP1060-6-2					6 / 150	15.5 x 3.5	12

LIMES AIGUILLES VALTITAN®
 NEEDLE FILES VALTITAN®
 NADELFEILEN VALTITAN®
 LIMAS DE AGUJA VALTITAN®

PREMIUM

LAV2401

Pilier / Pillar
 Flachstumpf / Plana



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

LAV2402

Mironde / Halfround
 Halbrund / Media caña



Taille / Cut / Hieb / Picado							L =	A x B =	
00	0	1	2	3	4	6	mm	mm	
LAV2402-180-00	LAV2402-180-0		LAV2402-180-2				180	5.9 x 2.0	12

LAV2406

Entrée / Warding
 Flachspitz / Plana de punta



Taille / Cut / Hieb / Picado							L =	A x B =	
00	0	1	2	3	4	6	mm	mm	
	LAV2406-180-0		LAV2406-180-2				180	6 x 1.2	12

LAV2407

Triangulaire / Three-square
 Dreikant / Triangular



Taille / Cut / Hieb / Picado							L =	A =	
00	0	1	2	3	4	6	mm	mm	
	LAV2407-180-0		LAV2407-180-2				180	4.2	12

LAV2408

Carrée / Square
 Vierkant / Cuadrada



Taille / Cut / Hieb / Picado							L =	A =	
00	0	1	2	3	4	6	mm	mm	
LAV2408-180-00	LAV2408-180-0		LAV2408-180-2				180	2.6	12

LAV2410

Ronde / Round
 Rund / Redonda



Taille / Cut / Hieb / Picado							L =	A =	
00	0	1	2	3	4	6	mm	mm	
	LAV2410-180-0		LAV2410-180-2				180	3.2	12

LAV2411

Barrette / Barrette
 Barett / Barrete



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

TESTEUR DE DURETÉ
 HARDNESS TESTER
 HÄRTEPRÜFER
 PROBADOR DE DUREZA

PREMIUM

LTD..10

Lime ronde pour test de dureté
 Round file for hardness test
 Rund Feile für Härteprüf
 Lima redonda para prueba de dureza



Dureté / Hardness / Härte / Dureza

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		

LTD0010

Testeur de dureté, jeu de 6 limes
 Hardness tester, set of 6 files
 Härteprüfer, Satz zu 6 Feilen
 Probador de dureza, juego de 6 limas



LTD0010-180-00

5

Composé de / Composed of / Bestehend aus / Compuesto de:
 LTD4010 - LTD4510 - LTD5010 - LTD5510 - LTD6010 - LTD6510



HARDNESS TESTER/FILE SET

This new innovative file set provides a quick, inexpensive and simple way to check material hardness. No need to bring the material to be tested over to a hardness testing machine. Just bring this file set (6 files from 40 to 65 HRC) to the piece to be tested.

Follow these simple steps to test your material:

1. Start with the BLACK handle file (65 HRC) and run the file over the test material. If it marks the material, the material is less than 65 HRC.
2. Try the BLUE handle (60 HRC). If it does not mark the material, the file is softer than the material. In this case the material is between 60 and 65 HRC.
3. If the BLUE handle (60 HRC) did mark the material, simply try the GREEN file (55 HRC), LIGHT-GREEN file (50 HRC), and continue until the material is not marked. The approximate hardness of the material is between the file that marks the material and the file that slips over the material.

COLOR	INDICATION	FILE-HARDNESS
RED	40 HRC	40-42 HRC 302-412 HV
YELLOW	45 HRC	45-47 HRC 348-471 HV
LIGHT-GREEN	50 HRC	50-52 HRC 412-544 HV
GREEN	55 HRC	55-57 HRC 488-632 HV
BLUE	60 HRC	60-62 HRC 687-918 HV
BLACK	65 HRC	64-66 HRC 802-983 HV



Shaping your ideas


FILONS
 FILONS
 GEWINDEFEILE
 LIMAS PARA ROSCAS

PREMIUM

LO660

Filons / Filons
 Gewindefeile / Limas para roscas




		Pas extérieurs et intérieurs / Inner and outer screw threads								
LO660I	ISO	80	100	125	150	175	200	250	300	6
LO660G	Gaz (B.G.S)	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"	6
LO660S	International (SI)	75	100	125	150	175	200	250	300	6
LO660U	UNF - UNC	11 F	12 F	13 F	14 F	16 F	18 F	20 F	24 F	6
LO660W	Withworth (WW)	10 F	11 F	12 F	14 F	16 F	18 F	20 F	24 F	6

GRATTOIRS MÉCANICIEN ET BRUNISSEUR
 MECHANIC SCRAPERS AND BURNISHER
 SCHABER FÜR MECHANIKER UND POLIERSTAHL
 RASQUETAS PARA MECÁNICO Y BRUÑIDOR

LO0653

Grattoir triangulaire
 Three-square scraper
 Dreikant Schaber
 Rasqueta triangular




	L = mm	A = mm	
LO0653-2	50	5	12
LO0653-2,5	62	6	12
LO0653-3	75	7	12
LO0653-4	100	9	12
LO0653-6	150	13	12

LO0655

Grattoir incurvé
 Incurved scraper
 Hohl-Schaber
 Rasqueta hueca



	L = mm	A x B = mm	
LO0655-2	50	5	12
LO0655-3	75	6	12
LO0655-3,25	81	7.2	12
LO0655-4	100	9	12

LO0788

Brunissoir oval droit
 Oval straight burnisher
 Polierstahl oval gerade
 Bruñidor oval recto




	L = mm	A x B = mm	
LO0788-3	75	6.5 x 3.5	12
LO0788-4	100	8 x 4.2	12

JEUX LIMES DE PRÉCISION
 PRECISION FILES SETS
 PRÄZISIONSFEILEN SÄTZE
 JUEGOS LIMAS DE PRECISIÓN

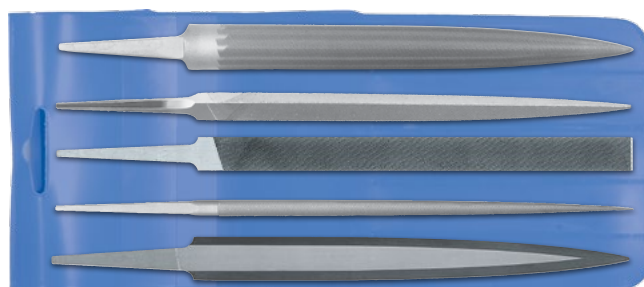
PREMIUM

LP1094

Jeu de 5 limes
 Set of 5 files
 Satz zu 5 Feilen
 Juego de 5 limas


Taille / Cut / Hieb / Picado	L = " / mm	
2		
LP1094	6 / 150	1

Composé de / Composed of / Bestehend aus / Compuesto de:
 LP1560 - LPV1132 - LP1660 - LP1060 - LP1360



LP1095

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

	
LP1095	1

Composé de / Composed of / Bestehend aus / Compuesto de:
 LR12918-0 - LP1163-8-000 - LP1133-8-2 - LP1263-4-2 - LP1560-4-4 - 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 - LP1060-8-2 - LA2401-180-4 - LA2402-180-00 - LA2403-160-2 - LA2405-160-0 -
 LA2406-160-00 - LA2409-160-2 - LA2410-180-00 - LA2411-160-1 - LR12711-2 - LR12741-2 -
 LR12781-0 - LR12795-0 - LR12901-0 - LR12985-0 - L00653-4 - LH2601-00 - LH2602-00 -
 LH2607-00 - LH2608-00 - LH2610-00 - LH9602-0



Nos étuis sont également disponibles sur demande / Our pouches are also available on request
 Unsere Taschen sind auch auf Anfrage erhältlich / Nuestros estuches están también disponibles bajo petición


Shaping your ideas

JEUX LIMES D'ATELIER
MACHINIST'S FILES SETS
WERKZEUG-FEILEN SÄTZE
JUEGOS LIMAS DE TALLER

CLASSIC

LQ5860

Jeu de 4 limes Classic emmanchées, en blister
Set of 4 Classic files with handle, in blister
Satz zu 4 Classic Feilen mit Griffe, in Blister
Juego de 4 limas Classic con mangos, en blister

Taille / Cut / Hieb / Picado	L = " / mm	
2		
LQ5860-8	8 / 200	1

Composé de / Composed of / Bestehend aus / Compuesto de:
LQ5019 - LQ5109 - LQ5129 - LQ5159

LQ5861


Jeu de 4 limes Classic emmanchées, roulé
Set of 4 Classic files with handle, rolled
Satz zu 4 Classic Feilen mit Griffe, gerollt
Juego de 4 limas Classic con mango, enrollado

Taille / Cut / Hieb / Picado	L = " / mm	
2		
LQ5861-8	8 / 200	1

Composé de / Composed of / Bestehend aus / Compuesto de:
LQ5019 - LQ5109 - LQ5129 - LQ5159

LQ5450


Jeu de 6 limes à clé emmanchées, en étui
Set of 6 key files with handle, in pouch
Satz zu 6 Schlüsselsefeilen mit Griff, in Tasche
Juego de 6 limas para cerrajeros con mango, en estuche

Taille / Cut / Hieb / Picado	L = " / mm	
LQ5450-4	4 / 100	1



LS5930

Jeu de 5 limes Saver emmanchées, en étui
Set of 5 Saver files with handle, in pouch
Satz zu 5 Saver Feilen mit Griffe, in Tasche
Juego de 5 limas Saver con mangos, en estuche

Taille / Cut / Hieb / Picado	L = " / mm	
2		
LS5930-8	8 / 200	1
LS5930-10	10 / 250	1

Composé de / Composed of / Bestehend aus / Compuesto de:
LS5519 - LS5529 - LS5559 - LS5569 - LS5589



SAVER


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Unsere Taschen sind auch auf Anfrage erhältlich / Nuestros estuches están también disponibles bajo petición

JEUX LIMES AIGUILLES
NEEDLE FILES SETS
NADELFEILEN SÄTZE
JUEGOS LIMAS DE AGUJA

PREMIUM

LA244

Jeu de 6 limes aiguilles, en étui
Set of 6 needle files, in pouch
Satz zu 6 Nadelfeilen, in Tasche
Juego de 6 limas de aguja, en estuche


Taille / Cut / Hieb / Picado					L = mm	
0	1	2	4	A		
LA2442-0		LA2442-2	LA2442-4		140	1
LA2443-0		LA2443-2	LA2443-4		160	1
LA2444-0		LA2444-2			180	1
LA2445-0		LA2445-2			200	1

Composé de / Composed of / Bestehend aus / Compuesto de:
LA2401 - LA2402 - LA2407 - LA2408 - LA2410 - LA2411

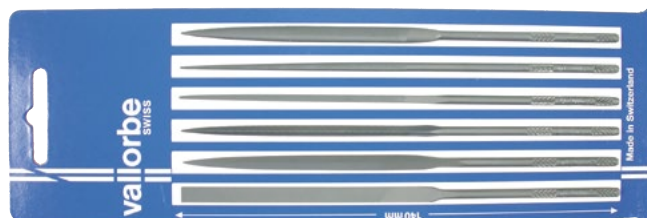


LA245

Jeu de 6 limes aiguilles, en blister
Set of 6 needle files, in blister
Satz zu 6 Nadelfeilen, in Blister
Juego de 6 limas de aguja, en blister


Taille / Cut / Hieb / Picado					L = mm	
0	1	2	4	A		
LA2453-0		LA2453-2			160	1
LA2454-0		LA2454-2			180	1

Composé de / Composed of / Bestehend aus / Compuesto de:
LA2401 - LA2402 - LA2407 - LA2408 - LA2410 - LA2411

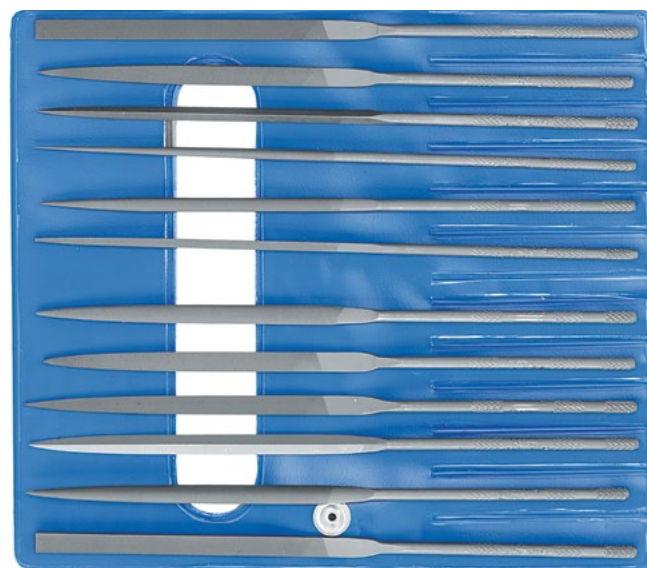


LA248

Jeu de 12 limes aiguilles, en étui
Set of 12 needle files, in pouch
Satz zu 12 Nadelfeilen, in Tasche
Juego de 12 limas de aguja, en estuche

Taille / Cut / Hieb / Picado					L = mm	
0	1	2	4	A		
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		LA2484-A	180	1
LA2485-0					200	1

Composé de / Composed of / Bestehend aus / Compuesto de:
LA2401 - LA2402 - LA2403 - LA2405 - LA2406 - LA2407 - LA2408 - LA2409 - LA2410 - LA2411 -
LA2415 - LA2416



LA249

Jeu de 12 limes aiguilles, en boîte plastique
Set of 12 needle files, in plastic box
Satz zu 12 Nadelfeilen, in Plastikbox
Juego de 12 limas de aguja, en caja de plástico

Taille / Cut / Hieb / Picado					L = mm	
0	1	2	4	A		
LA2492-0		LA2492-2	LA2492-4		140	1
LA2493-0		LA2493-2	LA2493-4		160	1

Composé de / Composed of / Bestehend aus / Compuesto de:
LA2401 - LA2402 - LA2403 - LA2405 - LA2406 - LA2407 - LA2408 - LA2409 - LA2410 - LA2411 -
LA2415 - LA2416




Shaping your ideas

JEUX LIMES AIGUILLES
NEEDLE FILES SETS
NADELFEILEN SÄTZE
JUEGOS LIMAS DE AGUJA

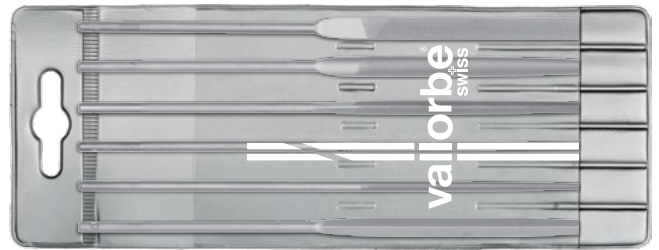
CLASSIC

LAM020

Jeu de 6 limes aiguilles Classic
Set of 6 Classic needle files
Satz zu 6 Classic Nadelfeilen
Juego de 6 limas de aguja Classic

Taille / Cut / Hieb / Picado			L = mm	
00	0	2		
	LAM020-140-0	LAM020-140-2	140	1
LAM020-160-00	LAM020-160-0	LAM020-160-2	160	1
	LAM020-180-0	LAM020-180-2	180	1

Composé de / Composed of / Bestehend aus / Compuesto de:
LAM001 - LAM002 - LAM007 - LAM008 - LAM010 - LAM011



LAM040

Jeu de 12 limes aiguilles Classic
Set of 12 Classic needle files
Satz zu 12 Classic Nadelfeilen
Juego de 12 limas de aguja Classic

Taille / Cut / Hieb / Picado	L = mm	
LAM040-160		

Composé de / Composed of / Bestehend aus / Compuesto de:
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



SAVER

LAM020...ST

Jeu de 6 limes aiguilles Saver, simple taille
Set of 6 Saver needle files, single cut
Satz zu 6 Saver Nadelfeilen, einfacher Hieb
Juego de 6 limas de aguja Saver, simple picado


Taille / Cut / Hieb / Picado	L = mm	
2ST		
LAM020-140-2ST	140	1



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LH2627

Jeu de 5 limes Habilis, en blister
Set of 5 Habilis files, in blister
Satz zu 5 Habilis Feilen, in Blister
Juego de 5 limas Habilis, en blister


Taille / Cut / Hieb / Picado		L = mm	
00	1		
LH2627-00	LH2627-1	215	1

Composé de / *Composed of* / Bestehend aus / *Compuesto de*:
LH2601 - LH2602 - LH2607 - LH2608 - LH2610



LH2630

Jeu de 5 limes Habilis, en étui
Set of 5 Habilis files, in pouch
Satz zu 5 Habilis Feilen, in Tasche
Juego de 5 limas Habilis, en estuche


Taille / Cut / Hieb / Picado		L = mm	
00	1		
LH2630-00	LH2630-1	215	1

Composé de / *Composed of* / Bestehend aus / *Compuesto de*:
LH2601 - LH2602 - LH2607 - LH2608 - LH2610



LH2631

Jeu de 3 limes Habilis, en étui
Set of 3 Habilis files, in pouch
Satz zu 3 Habilis Feilen, in Tasche
Juego de 3 limas Habilis, en estuche

Taille / Cut / Hieb / Picado		L = mm	
00	1		
LH2631-00	LH2631-1	215	1

Composé de / *Composed of* / Bestehend aus / *Compuesto de*:
LH2601 - LH2602 - LH2607



Nos étuis sont également disponibles sur demande / *Our pouches are also available on request*
Unsere Taschen sind auch auf Anfrage erhältlich / *Nuestros estuches están también disponibles bajo petición*

JEUX RIFLOIRS
 RIFFLERS SETS
 RIFFELFEILEN SÄTZE
 JUEGOS CODILLOS

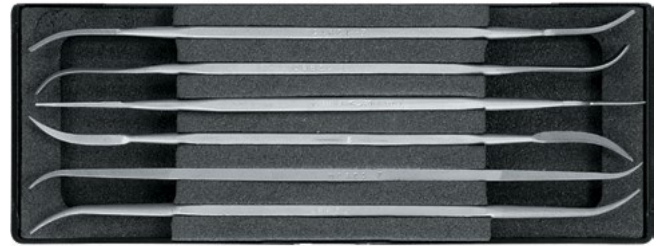
PREMIUM

LR12156

Jeu de 6 rifloirs, en boîte
 Set of 6 rifiers, in box
 Satz zu 6 Riffelheilen, in Box
 Juego de 6 codillos, en caja


Taille / Cut / Hieb / Picado			L = mm	
0	2	4		
LR12156-0	LR12156-2	LR12156-4	150	1

Composé de / Composed of / Bestehend aus / Compuesto de:
 LH2601 - LH2602 - LH2607 - LH2608 - LH2610



LR12186

Jeu de 6 rifloirs, en boîte
 Set of 6 rifiers, in box
 Satz zu 6 Riffelheilen, in Box
 Juego de 6 codillos, en caja

Taille / Cut / Hieb / Picado			L = mm	
0	2	4		
LR12186-0	LR12186-2		180	1

Composé de / Composed of / Bestehend aus / Compuesto de:
 LR12915 - LR12930 - LR12942 - LR12952 - LR12963 - LR12981




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JEUX LIMES DIAMANTÉES
 DIAMOND FILES SETS
 DIAMANT-FEILEN SÄTZE
 JUEGOS LIMAS DIAMANTADAS

PREMIUM

DA8432

Jeu de 5 limes aiguilles diamantées, en boîte
 Set of 5 diamond needle files, in box
 Satz zu 5 Diamant-Nadelfeilen, in Box
 Juego de 5 limas aguja diamantadas, en caja


Taille / Cut / Hieb / Picado			L = mm	
91	126	181		
DA8432-91	DA8432-126	DA8432-181	140	1

Composé de / Composed of / Bestehend aus / Compuesto de:
 DA8401 - DA8402 - DA8407 - DA8408 - DA8410



DH8232

Jeu de 5 limes diamantées Habilis, en boîte
 Set of 5 Habilis diamond files, in box
 Satz zu 5 Habilis Diamant-Feilen, in Box
 Juego de 5 limas diamantadas Habilis, en caja

Taille / Cut / Hieb / Picado			L = mm	
91	126	181		
	DH8232-126		215	1


Composé de / Composed of / Bestehend aus / Compuesto de:
 DH8201 - DH8202 - DH8207 - DH8208 - DH8210



CLASSIC

DA9470

Jeu de 5 limes aiguilles diamantées Classic, en boîte
 Set of 5 Classic diamond needle files, in box
 Satz zu 5 Classic Diamant-Nadelfeilen, in Box
 Juego de 5 limas aguja diamantadas Classic, en caja

Taille / Cut / Hieb / Picado			L = mm	
91	126	181		
DA9470-91			140	1

Composé de / Composed of / Bestehend aus / Compuesto de:
 DA9401 - DA9402 - DA9407 - DA9408 - DA9410




Shaping your ideas

JEUX LIMES AIGUILLES VALTITAN®
 NEEDLE FILES SETS VALTITAN®
 NADELFEILEN SÄTZE VALTITAN®
 JUEGOS LIMAS DE AGUJA VALTITAN®

PREMIUM

LAV2465

Jeu de 6 limes aiguilles Valtitan, en blister
 Set of 6 Valtitan needle files, in blister
 Satz zu 6 Valtitan Nadelfeilen, in Blister
 Juego de 6 limas de aguja Valtitan, en blister


Taille / Cut / Hieb / Picado		L = mm	
0	2		
	LAV2465-2	180	1

Composé de / Composed of / Bestehend aus / Compuesto de:
 LAV2401 - LAV2402 - LAV2407 - LAV2408 - LAV2410 - LAV2411



LAV2495

Jeu de 6 limes aiguilles Valtitan, en étui
 Set of 6 Valtitan needle files, in pouch
 Satz zu 6 Valtitan Nadelfeilen, in Tasche
 Juego de 6 limas de aguja Valtitan, en estuche

Taille / Cut / Hieb / Picado		L = mm	
0	2		
LAV2495-0	LAV2495-2	180	1

Composé de / Composed of / Bestehend aus / Compuesto de:
 LAV2401 - LAV2402 - LAV2407 - LAV2408 - LAV2410 - LAV2411



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ACCESSOIRES
ACCESSORIES
ZUBEHÖRE
ACCESORIOS

CROCODILE

Manche à visser pour limes LP / Screw-on handle for LP files
Schraubgriff für LP Feilen / Mango para atornillar para limas LP



	Pour limes / For files / Für Feilen / Para limas						L = mm	
AL110-BLEU			4"	4"			94	12
AL210-BLEU			5"	5" - 6"	4" - 5"		94	12
AL310-BLEU	4"	4"	6"		4" - 6"	4"	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

Manche en bois pour limes LP / Wood file handle for LP files
Holzgriff für LP Feilen / Mango de madera para limas LP



	Pour limes / For files / Für Feilen / Para limas					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

Manche plastique pour limes LP / Plastic handle for LP files
Plastikgriff für LP Feilen / Mango de plástico para limas LP



	L = mm	
AL250	90	12
AL350	110	12

AGILA

Manche plastique pour limes LQ / Plastic handle for LQ files
Plastikgriff für LQ Feilen / Mango de plástico para limas LQ



Classic	Pour limes / For files / Für Feilen / Para limas				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

Shaping your ideas

ACCESSOIRES
ACCESSORIES
ZUBEHÖRE
ACCESORIOS

AGILA

Manche plastique pour limes LS / *Plastic handle for LS files*
Plastikgriff für LS Feilen / *Mango de plástico para limas LS*



Saver	Pour limes / For files / Für Feilen / Para limas					L = mm	
ALS301-2	8"	8"	8"			112	12
ALS301-3	10" - 12" - 14"	10" - 12" - 14"	10" - 12"			125	12
ALS302-2	6"	6"	6"	6" - 8"	6" - 8"	112	12
ALS302-3				10" - 12"	10" - 12"	125	12

CONDOR

Manche de précision pour limes aiguilles / *Precision needle file handle*
Präzision Nadelfeilengriff / *Mango de precisión para limas de aguja*



	Pour limes / For files / Für Feilen / Para limas = Ø	L = mm	
AL160	2 - 3 mm	95	12
AL260	3 - 4 mm	95	12

COLIBRI

Manche pour limes aiguilles / *Needle file handle*
Nadelfeilengriff / *Mango para limas de aguja*



	L = mm	
AL170	86	12

AL5990

Brosse à lime / *Brush for files*
Feilenbürste / *Carda para limas*



AL5990	1

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