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Vallorbe Swiss® offers two different ranges of products.

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

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

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Nos limes sont fabriquées avec un acier d'une dureté de 66 HRC.

Wir bieten zwei verschiedene Werkzeugserien an.

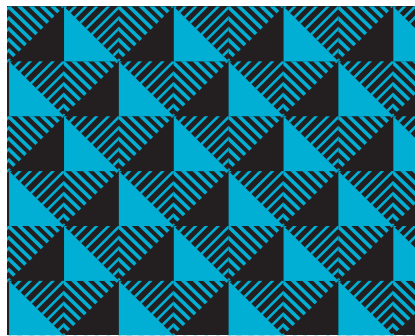
Die Formen und Hiebe dieser Produkte erlauben ein breites Spektrum von Anwendungen für Profis, sowie Amateure, die mit hartem und weichem Material für verschiedene Zwecke arbeiten.

Der Stahl unserer Feilen hat eine Härte von 66 HRC.

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SCALE OF CUTS / ÉCHELLE DE TAILLES HIEBSKALA / SCALE OF PICADOS



To determine number of teeth [Z/cm]

*Swiss cut

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

Détermination du nombre de dents [Z/cm]

*Taille suisse

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.

Bestimmen der Zähnezahl [Z/cm]

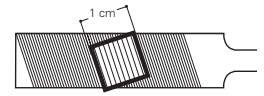
*Schweizer Hieb

Die Anzahl der Zähne (Z/cm) wird an der Hiebachse gemessen. Die Zahlen in der nachstehenden Tabelle stimmen mit der Anzahl der Zähne pro cm für einen bestimmten Hieb, Länge oder Typ überein. Beispiel: Feile 6" in Hieb 2 = 31 Z/cm.

Determinar el número de dientes [Z/cm]

*Picado suizo

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.



	000	00	0	1	2	3	4	5	6	7	8	10
Precision files, lengths 1" to 3.5" Limes de précision, longueurs 1" à 3.5" Präzisionsfeilen, Längen 1" bis 3.5" Limas de precisión, largo 1" hasta 3.5"		20	25	31	38	46	55	68	84	100	116	
Precision files, lengths 4" to 8" Limes de précision, longueurs 4" à 8" Präzisionsfeilen, Längen 4" bis 8" Limas de precisión, largo 4" hasta 8"	12	16	20	25	31	38	46	56	68			
Precision files, lengths 10" to 12" Limes de précision, longueurs 10" à 12" Präzisionsfeilen, Längen 10" bis 12" Limas de precisión, largo 10" hasta 12"	9	12	16	20	25	31	38	(46)	(56)			
Needle files Limes aiguilles Nadelfeilen Limas de aguja		20	25	31	38	46	56	68	84			
Escapement files Limes aux échappements Hemmungsfeilen Limas de escape		20	25	31	38	46	56	68	84	100	116	156
Habilis® files Limes Habilis® Habilis® Feilen Limas Habilis®		18	21	25	31							
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Rifflers 180 mm and 300 mm Rifloirs 180 mm et 300 mm Riffelfeilen 180 mm und 300 mm Codillos 180 mm y 300 mm			16		25							



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) 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) Länge = L

Die Messpunkte der Länge (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.

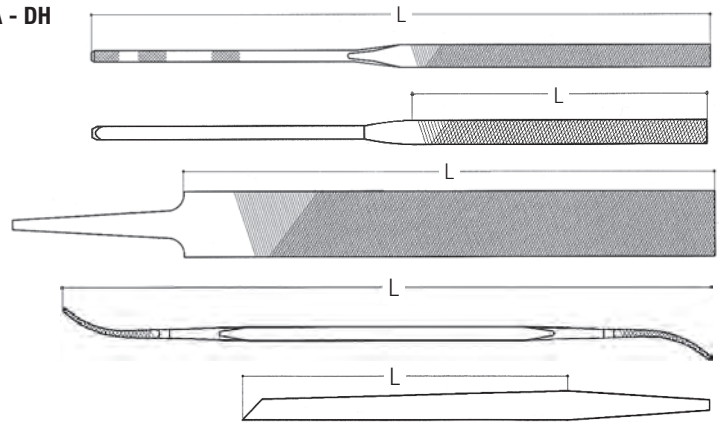
LA - LAC - LAM - LAV - LH - DA - DH

LE - LEC

LP - LPV - LQ - RA

LR

LO



b) Width x thickness = A x B

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

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

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

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

Tolerances: on request.

 = dimension measured on the cut section.

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 LP, LPV, LA, LE, LAM, LAV, LH, LR, LQ, LO, LQ et RA: ces dimensions sont toujours mesurées sur la partie non taillée la plus large.

Pour les articles LAC, LEC, DA 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) Breite x Dicke = A x B

Breite und Dicke der Feilen werden angegeben mit:

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

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

Für die Artikel LAC, LEC, DA 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 LP, LPV, LA, LE, LAM, LAV, LH, LR, LQ, LO y RA estas dimensiones siempre se miden sobre la parte sin picado más ancha.

Para los artículos LAC, LEC, DA 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.



LP1163

Hand / Carrelette
Ansatz / Carleta

Cut / Taille / Hieb / Picado

000	00	0	1	2	3	4	5	6	L = "/mm	A x B = mm	
	LP1163-4-00	LP1163-4-0	LP1163-4-1	LP1163-4-2	LP1163-4-3	LP1163-4-4		LP1163-4-6	4 / 100	12.5 x 3.0	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 4.0	12
LP1163-8-000	LP1163-8-00	LP1163-8-0	LP1163-8-1	LP1163-8-2	LP1163-8-3	LP1163-8-4			8 / 200	21.3 x 4.8	12
LP1163-10-000	LP1163-10-00	LP1163-10-0	LP1163-10-1	LP1163-10-2	LP1163-10-3				10 / 250	25.3 x 6.3	12

LP1168

Thin hand / Carrelette mince
Ansatz dünn / Carleta delgada

Cut / Taille / Hieb / Picado

00	0	1	2	L = "/mm	A x B = mm	
	LP1168-5-0			5 / 125	14.5 x 1.7	12
LP1168-6-00	LP1168-6-0	LP1168-6-1	LP1168-6-2	6 / 150	16.5 x 2.0	12

LP1166

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

Cut / Taille / Hieb / Picado

00 (8)	0 (12)	1 (16)	2 (20)	L = "/mm	A x B = mm	
LP1166-6-00	LP1166-6-0	LP1166-6-1	LP1166-6-2	6 / 150	19.0 x 5.2	12
	LP1166-8-0	LP1166-8-1	LP1166-8-2	8 / 200	22.0 x 5.2	12

LP1132

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

Cut / Taille / Hieb / Picado

00	0	1	2	3	4	6	L = "/mm	A x B = mm	
LP1132-4-00	LP1132-4-0		LP1132-4-2		LP1132-4-4		4 / 100	9.5 x 2.5	12
LP1132-6-00	LP1132-6-0	LP1132-6-1	LP1132-6-2	LP1132-6-3	LP1132-6-4	LP1132-6-6	6 / 150	12.0 x 4.0	12
LP1132-8-00	LP1132-8-0	LP1132-8-1	LP1132-8-2	LP1132-8-3	LP1132-8-4		8 / 200	14.5 x 4.5	12
LP1132-10-00	LP1132-10-0	LP1132-10-1	LP1132-10-2				10 / 250	17.5 x 5.3	12
LP1132-12-00	LP1132-12-0						12 / 300	19.3 x 6.3	6

LP1133

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

Cut / Taille / Hieb / Picado

000	00	0	1	2	3	4	5	L = "/mm	A x B = mm	
	LP1133-4-00		LP1133-4-1	LP1133-4-2		LP1133-4-4	LP1133-4-5	4 / 100	9.5 x 2.5	12
LP1133-6-000	LP1133-6-00	LP1133-6-0	LP1133-6-1	LP1133-6-2	LP1133-6-3			6 / 150	12.0 x 4.0	12
	LP1133-8-00	LP1133-8-0	LP1133-8-1	LP1133-8-2				8 / 200	14.5 x 4.5	12
	LP1133-10-00	LP1133-10-0	LP1133-10-1	LP1133-10-2				10 / 250	17.5 x 5.3	12

LP1138

Pillar thin / Pilier mince
Stiften dünn / Plana paralela delgada

Cut / Taille / Hieb / Picado

00	0	1	2	L = "/mm	A x B = mm	
LP1138-6-00	LP1138-6-0	LP1138-6-1	LP1138-6-2	6 / 150	10.5 x 2.4	12



LP1142

Pillar slim / Pilier étroit
Stiften schmal / Plana paralela estrecha

Cut / Taille / Hieb / Picado

00	0	1	2	3	4	6	L = "/mm	A x B = mm	
LP1142-6-00	LP1142-6-0	LP1142-6-1	LP1142-6-2	LP1142-6-3	LP1142-6-4	LP1142-6-6	6 / 150	6.5 x 3.0	12
LP1142-8-00	LP1142-8-0	LP1142-8-1	LP1142-8-2	LP1142-8-4			8 / 200	8.3 x 3.5	12
	LP1142-10-0	LP1142-10-2					10 / 250	9.3 x 4.3	12

LP1152

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

Cut / Taille / Hieb / Picado

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

LP1136

Pillar chequering / Pilier à canneler
Kannelier Stiften / Plana paralela para estriar

Cut (raws/cm) / Taille (rayes/cm) / Hieb (Fäden/cm) / Picado (rayas/cm)

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

LP1170

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

Thickness / Epaisseur / Dicke / Espesor = mm

0.4	0.5	0.6	L = "/mm	A = mm	
LP1170-4-2-0,4	LP1170-4-2-0,5	LP1170-4-2-0,6	4 / 100	10.0	12

LP1171

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

Thickness / Epaisseur / Dicke / Espesor = mm

0.7	0.8	0.9	1.0	1.1	1.2	1.5	2.0	L = "/mm	A = mm	
LP1171-4-2-0,7	LP1171-4-2-0,8	LP1171-4-2-0,9	LP1171-4-2-1	LP1171-4-2-1,1	LP1171-4-2-1,2	LP1171-4-2-1,5	LP1171-4-2-2	4 / 100	10.0	12

LP1180

Equalling / Egalir ordinaire
Ausgleich normal / De igualar normal

Cut / Taille / Hieb / Picado

0	2	L = "/mm	A x B = mm	
LP1180-4-0-2	LP1180-4-2-2	4 / 100	10.0 x 2.0	12
LP1180-6-0-2	LP1180-6-2-2	6 / 150	13.0 x 2.0	12
LP1180-6-0-2,8	LP1180-6-2-2,8	6 / 150	13.0 x 2.8	12
LP1180-8-0-3,2	LP1180-8-2-3,2	8 / 200	16.0 x 3.2	12



LP1185

Equalling special thickness
Egalir spécial
Ausgleich spezial / De igualar especial
Cut / Taille / Hieb / Picado
2



LP1185-4-2-28
LP1185-4-2-26
LP1185-4-2-24
LP1185-4-2-21
LP1185-4-2-20

L = "/mm	A x B = mm	
4 / 100	10.0 x 0.38	12
4 / 100	10.0 x 0.46	12
4 / 100	10.0 x 0.56	12
4 / 100	10.0 x 0.81	12
4 / 100	10.0 x 0.91	12

LP1230

Crochet / Crochet
Flachspitz runde Kanten / Gancho
Cut / Taille / Hieb / Picado
0



0	1	2
LP1230-6-0	LP1230-6-1	LP1230-4-2
LP1230-8-0		LP1230-6-2

L = "/mm	A x B = mm	
4 / 100	7.5 x 2.2	12
6 / 150	10.0 x 3.1	12
8 / 200	12.5 x 4.2	12

LP1263

Warding / Entrée ordinaire
Flachspitz normal / Plana de punta normal
Cut / Taille / Hieb / Picado
0



0	2	4
LP1263-6-0	LP1263-6-2	LP1263-6-4

L = "/mm	A x B = mm	
6 / 150	15.4 x 3.5	12

LP1265

Warding special thickness
Entrée spéciale
Flachspitz spezial / Plana punta especial
Cut / Taille / Hieb / Picado
0



LP1265-6-0-16

L = "/mm	A x B = mm	
6 / 150	15.4 x 1.65	12

LP1268

Warding thin / Entrée mince
Flachspitz dünn / Plana punta delgada
Cut / Taille / Hieb / Picado
000



000	00	0	2	4
		LP1268-4-0	LP1268-4-2	
LP1268-6-000	LP1268-6-00	LP1268-6-0	LP1268-6-2	LP1268-6-4

L = "/mm	A x B = mm	
4 / 100	12.4 x 1.0	12
6 / 150	15.4 x 1.7	12

LP1560

Halfround ordinary / Mironde ordinaire
Halbrund normal / Media caña normal
Cut / Taille / Hieb / Picado
000



000	00	0	1	2	3	4	5	6
	LP1560-4-00	LP1560-4-0	LP1560-4-1	LP1560-4-2	LP1560-4-3	LP1560-4-4		
	LP1560-5-00	LP1560-5-0	LP1560-5-1	LP1560-5-2	LP1560-5-3	LP1560-5-4	LP1560-5-5	LP1560-5-6
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
LP1560-8-000	LP1560-8-00	LP1560-8-0	LP1560-8-1	LP1560-8-2	LP1560-8-3	LP1560-8-4		
	LP1560-10-00	LP1560-10-0	LP1560-10-1					

L = "/mm	A x B = mm	
4 / 100	12.7 x 3.5	12
5 / 125	13.1 x 4.1	12
6 / 150	15.1 x 4.7	12
8 / 200	21.1 x 6.3	12
10 / 250	25.5 x 7.5	12



LP1566

Halfround slim / Mironde effilée
Halbrund schlank / Media caña delgada

Cut / Taille / Hieb / Picado

000	00	0	1	2	3	4	5	L = "/mm	A x B = mm	
	LP1566-6-00	LP1566-6-0	LP1566-6-1	LP1566-6-2	LP1566-6-3	LP1566-6-4	LP1566-6-5	6 / 150	12.7 x 3.5	12
LP1566-8-000		LP1566-8-0	LP1566-8-1					8 / 200	15.2 x 4.8	12
	LP1566-10-00	LP1566-10-0		LP1566-10-2				10 / 250	15.2 x 4.8	12



LP1567

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

Cut / Taille / Hieb / Picado

0	2	4	L = "/mm	A x B = mm	
LP1567-6-0	LP1567-6-2	LP1567-6-4	6 / 150	9.8 x 2.8	12



LP1360

Three-square / Triangulaire
Dreikant / Triangular

Cut / Taille / Hieb / Picado

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



LP1366

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

Cut / Taille / Hieb / Picado

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



LP1367

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

Cut / Taille / Hieb / Picado

0	2	L = "/mm	A = mm	
LP1367-6-0	LP1367-6-2	6 / 150	7.5	12



LP1660

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

Cut / Taille / Hieb / Picado

2	4	1	3	6	L = "/mm	Ø = mm	
LP1660-4-2	LP1660-4-4				4 / 100	3.9	12
LP1660-5-2					5 / 125	4.9	12
LP1660-6-2	LP1660-6-4	LP1660-6-1	LP1660-6-3	LP1660-6-6	6 / 150	5.8	12
LP1660-8-2	LP1660-8-4	LP1660-8-1			8 / 200	7.8	12





LP1667

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

Cut / Taille / Hieb / Picado

1	0		L = "/mm	Ø = mm	
LP1667-3-1			3 / 75	1.5	12
	LP1667-6-0		6 / 150	3.9	12



LP1669

Round cylindrical / Ronde cylindrique
Rund zylindrisch / Redonda cilíndrica

Cut / Taille / Hieb / Picado

0	2	3		L = "/mm	Ø = mm 	
		LP1669-4-3-1,0		4 / 100	1.00	12
LP1669-4-0-1,6	LP1669-4-2-1,6			4 / 100	1.60	12
LP1669-4-0-3	LP1669-4-2-3			4 / 100	3.00	12
LP1669-6-0-2,4	LP1669-6-2-2,4			6 / 150	2.40	12
LP1669-6-0-3,2	LP1669-6-2-3,2			6 / 150	3.20	12
LP1669-6-0-4	LP1669-6-2-4			6 / 150	4.00	12
LP1669-6-0-4,8	LP1669-6-2-4,8			6 / 150	4.80	12



LP1670

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

Cut / Taille / Hieb / Picado

0	00	000	1		L = "/mm	Ø = mm	
LP1670-4-0	LP1670-4-00				4 / 100	3.9	12
LP1670-5-0	LP1670-5-00				5 / 125	4.8	12
LP1670-6-0	LP1670-6-00	LP1670-6-000			6 / 150	5.8	12
LP1670-8-0	LP1670-8-00	LP1670-8-000			8 / 200	7.5	12
LP1670-10-0		LP1670-10-000	LP1670-10-1		10 / 250	9.4	12



LP1680

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

Cut / Taille / Hieb / Picado

2	4		L = "/mm	Ø = mm	
LP1680-1,5-2			1.5 / 38	1.0	12
LP1680-2-2	LP1680-2-4		2 / 50	1.0	12
LP1680-2,5-2			2.5 / 63	1.6	12



LP1464

Square pointed / Carrée pointue
Vierkant spitz / Cuadrada aguda

Cut / Taille / Hieb / Picado

1	2	3		L = "/mm	A = mm	
LP1464-6-1	LP1464-6-2	LP1464-6-3		6 / 150	5.5	12
LP1464-8-1	LP1464-8-2			8 / 200	7.5	12





LP1474

Square blunt / Carrée mottue
Vierkant stumpf / Cuadrada punta plana

Cut / Taille / Hieb / Picado

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



LP1480

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

Cut / Taille / Hieb / Picado

4	L = "/mm	A = mm	
LP1480-2-4	2 / 50	1.0	12



LP1040

Slotting / Joindresse
Bibeaufeile / Lima bibeau para armeros

Cut / Taille / Hieb / Picado

00	0	L = "/mm	A x B = mm	
LP1040-8-00	LP1040-8-0	8 / 200	7.5 x 7.5	12
LP1040-10-00-10	LP1040-10-0-10	10 / 250	9.5 x 9.5	12



LP1060

Barrette / Barrette
Barett / Barrete

Cut / Taille / Hieb / Picado

00	0	1	2	3	4	L = "/mm	A x B = mm	
LP1060-4-00	LP1060-4-0	LP1060-4-1	LP1060-4-2			4 / 100	12.4 x 2.6	12
			LP1060-5-2			5 / 125	14.0 x 3.0	12
LP1060-6-00	LP1060-6-0	LP1060-6-1	LP1060-6-2	LP1060-6-3	LP1060-6-4	6 / 150	15.5 x 3.5	12
LP1060-8-00	LP1060-8-0	LP1060-8-1				8 / 200	21.4 x 5.0	12



LP1062

Hot die barrette / Barrette hot die
Hot die Barett / Barrete hot die

Cut / Taille / Hieb / Picado

00	L = "/mm	A x B = mm	
LP1062-4-00	4 / 100	12.4 x 2.6	12



LP1730

Pippin / Pippin
Spitzkugel / Oval con borde redondo

Cut / Taille / Hieb / Picado

2	4	L = "/mm	A x B = mm	
LP1730-6-2	LP1730-6-4	6 / 150	10.0 x 4.4	12





LP1760

Knife / Couteau
Messer / Cuchillo
Cut / Taille / Hieb / Picado



00	0	1	2		L = "/mm	A x B = mm	
				LP1760-4-2	4 / 100	12.4 x 2.8	12
LP1760-6-00	LP1760-6-0			LP1760-6-2	6 / 150	17.9 x 3.5	12
LP1760-8-00	LP1760-8-0	LP1760-8-1		LP1760-8-2	8 / 200	22.0 x 4.2	12

LP1840

Screwhead with tang
A fendre à queue
Einstreichfeile mit Angel / Lima de ranurar con espiga
Thickness = mm / Epaisseur = mm / Dicke = mm / Espesor = mm
4 = 0.55



LP1840-3-4					L = "/mm	A = mm	
					3 / 75	9.0	12

LP1850

Screwhead without tang / A fendre sans queue
Einstreichfeile ohne Angel / Lima de ranurar sin espiga
Thickness = mm / Epaisseur = mm / Dicke = mm / Espesor = mm
4 = 0.55



LP1850-3-4					L = "/mm	A = mm	
					3 / 75	9.0	12

LP1960

Crossing / Feuille de sauge
Vogelzunge / Almendra
Cut / Taille / Hieb / Picado



00	0	1	2	3	4	6		L = "/mm	A x B = mm	
	LP1960-4-0		LP1960-4-2		LP1960-4-4			4 / 100	11.9 x 3.6	12
LP1960-6-00	LP1960-6-0	LP1960-6-1	LP1960-6-2	LP1960-6-3	LP1960-6-4	LP1960-6-6		6 / 150	14.8 x 5.0	12
LP1960-8-00	LP1960-8-0	LP1960-8-1	LP1960-8-2					8 / 200	21.3 x 6.3	12

LP1990

Oval / Ovale
Oval / Oval
Cut / Taille / Hieb / Picado



0		2			L = "/mm	A x B = mm	
LP1990-6-0		LP1990-6-2			6 / 150	8.6 x 4.4	12

LP1292

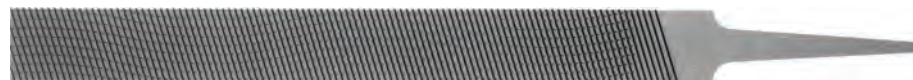
Warding / Entrée
Flachspitz / Plana de punta
Cut / Taille / Hieb / Picado



0		2			L = "/mm	A x B = mm	
LP1292-6-0		LP1292-6-2			6 / 150	10.5 x 2.4	12

LP5070

Hand Multifile / Plate Multifile
Flach Multifile / Plana Multifile
Cut / Taille / Hieb / Picado



6-8		5-7			L = "/mm	A x B = mm	
LP5070-8		LP5070-10			8 / 200	21.3 x 4.8	12
					10 / 250	25.3 x 6.3	12

PRECISION FILES / LIMES DE PRÉCISION PRÄZISIONSFEILEN / LIMAS DE PRECISIÓN



LP1094

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

Cut / Taille / Hieb / Picado

2

LP1094

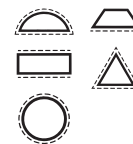
L =
mm



6 / 150

1

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



LP1095

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

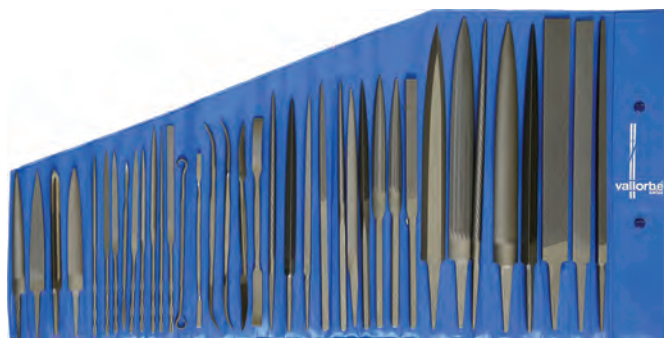
LP1095



1

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

LR12918-2 - LP1163-8-000 - LP1133-8-2 - LP1263-6-2 - LP1560-6-4 - LP1560-8-4 -
LP1960-4-2 - LP1960-8-1 - LP1730-6-2 - LP1670-6-0 - LP1670-8-00 - LP1464-6-2 -
LP1474-8-0 - LP1360-6-00 - LP1360-8-00 - LP1060-8-1 - LA2401-180-2 - LA2402-180-0 -
LA2403-160-2 - LA2405-160-0 - LA2406-160-00 - LA2409-160-2 - LA2410-180-0 -
LA2411-160-1 - LR12711-2 - LR12741-2 - LR12781-0 - LR12790-2 - LR12901-2 - LR12985-0 -
L00653-4 - LH2601-00 - LH2602-00 - LH2607-00 - LH2608-00 - LH2610-00 - LH9602-0





LA2401

Pillar / Pilièr / Stiften / Plana

Cut / Taille / Hieb / Picado

00	0	1	2	3	4	6
	LA2401-100-0	LA2401-100-1	LA2401-100-2	LA2401-100-3	LA2401-100-4	
	LA2401-140-0	LA2401-140-1	LA2401-140-2	LA2401-140-3	LA2401-140-4	LA2401-140-6
LA2401-160-00	LA2401-160-0	LA2401-160-1	LA2401-160-2	LA2401-160-3	LA2401-160-4	LA2401-160-6
LA2401-180-00	LA2401-180-0	LA2401-180-1	LA2401-180-2	LA2401-180-3	LA2401-180-4	LA2401-180-6
LA2401-200-00	LA2401-200-0	LA2401-200-1	LA2401-200-2	LA2401-200-3	LA2401-200-4	

L = mm	A x B = mm	
100	3.1 x 0.9	12
140	4.8 x 1.05	12
160	5.4 x 1.2	12
180	6.0 x 1.3	12
200	6.5 x 1.35	12

LA2402

Halfround / Mironde / Halbrund / Media caña

Cut / Taille / Hieb / Picado

00	0	1	2	3	4	6
	LA2402-100-0	LA2402-100-1	LA2402-100-2	LA2402-100-3	LA2402-100-4	
	LA2402-140-0	LA2402-140-1	LA2402-140-2	LA2402-140-3	LA2402-140-4	
LA2402-160-00	LA2402-160-0	LA2402-160-1	LA2402-160-2	LA2402-160-3	LA2402-160-4	LA2402-160-6
LA2402-180-00	LA2402-180-0	LA2402-180-1	LA2402-180-2	LA2402-180-3	LA2402-180-4	
LA2402-200-00	LA2402-200-0	LA2402-200-1	LA2402-200-2	LA2402-200-3	LA2402-200-4	

L = mm	A x B = mm	
100	4.0 x 1.45	12
140	5.0 x 1.7	12
160	5.5 x 1.85	12
180	5.9 x 2.05	12
200	6.3 x 2.2	12

LA2403

Crossing / Feuille de sauge / Vogelzunge / Almendra

Cut / Taille / Hieb / Picado

0	1	2	3	4	6
		LA2403-100-2	LA2403-100-3	LA2403-100-4	
LA2403-140-0	LA2403-140-1	LA2403-140-2		LA2403-140-4	
LA2403-160-0	LA2403-160-1	LA2403-160-2		LA2403-160-4	LA2403-160-6
LA2403-180-0	LA2403-180-1	LA2403-180-2		LA2403-180-4	
LA2403-200-0	LA2403-200-1	LA2403-200-2	LA2403-200-3	LA2403-200-4	

L = mm	A x B = mm	
100	3.5 x 1.45	12
140	4.5 x 1.95	12
160	5.1 x 2.1	12
180	5.7 x 2.3	12
200	6.0 x 2.3	12

LA2405

Knife / Couteau / Messer / Cuchillo

Cut / Taille / Hieb / Picado

0	1	2	3	4	6
	LA2405-100-1	LA2405-100-2	LA2405-100-3	LA2405-100-4	
LA2405-140-0	LA2405-140-1	LA2405-140-2		LA2405-140-4	
LA2405-160-0	LA2405-160-1	LA2405-160-2		LA2405-160-4	LA2405-160-6
LA2405-180-0	LA2405-180-1	LA2405-180-2			
LA2405-200-0	LA2405-200-1	LA2405-200-2	LA2405-200-3	LA2405-200-4	

L = mm	A x B = mm	
100	4.0 x 1.1	12
140	5.0 x 1.4	12
160	5.4 x 1.5	12
180	6.0 x 1.7	12
200	6.4 x 1.8	12

LA2406

Warding / Entrée / Flachspitz / Plana de punta

Cut / Taille / Hieb / Picado

00	0	1	2	3	4	6
			LA2406-100-2	LA2406-100-3	LA2406-100-4	
	LA2406-140-0	LA2406-140-1	LA2406-140-2	LA2406-140-3	LA2406-140-4	
LA2406-160-00	LA2406-160-0	LA2406-160-1	LA2406-160-2	LA2406-160-3	LA2406-160-4	LA2406-160-6
	LA2406-180-0	LA2406-180-1	LA2406-180-2		LA2406-180-4	
	LA2406-200-0	LA2406-200-1	LA2406-200-2		LA2406-200-4	

L = mm	A x B = mm	
100	3.5 x 0.8	12
140	4.8 x 1.1	12
160	5.4 x 1.2	12
180	6.0 x 1.25	12
200	6.5 x 1.35	12



LA2407

Three-square / Triangulaire / Dreikant / Triangular

Cut / Taille / Hieb / Picado

00	0	1	2	3	4	6	L = mm	A = mm	
	LA2407-100-0	LA2407-100-1	LA2407-100-2	LA2407-100-3	LA2407-100-4		100	2.9	12
	LA2407-140-0	LA2407-140-1	LA2407-140-2	LA2407-140-3	LA2407-140-4	LA2407-140-6	140	3.6	12
LA2407-160-00	LA2407-160-0	LA2407-160-1	LA2407-160-2	LA2407-160-3	LA2407-160-4	LA2407-160-6	160	3.9	12
LA2407-180-00	LA2407-180-0	LA2407-180-1	LA2407-180-2	LA2407-180-3	LA2407-180-4		180	4.3	12
LA2407-200-00	LA2407-200-0	LA2407-200-1	LA2407-200-2	LA2407-200-3	LA2407-200-4		200	4.5	12

LA2408

Square / Carrée / Vierkant / Cuadrada

Cut / Taille / Hieb / Picado

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

LA2409

Oval / Ovale / Oval / Oval

Cut / Taille / Hieb / Picado

0	1	2	4	L = mm	A x B = mm	
LA2409-140-0	LA2409-140-1	LA2409-140-2	LA2409-140-4	140	3.4 x 2.35	12
LA2409-160-0	LA2409-160-1	LA2409-160-2	LA2409-160-4	160	3.8 x 2.55	12
LA2409-180-0		LA2409-180-2		180	4.1 x 2.8	12
LA2409-200-0				200	4.3 x 3.0	12

LA2410

Round / Ronde / Rund / Redonda

Cut / Taille / Hieb / Picado

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

LA2411

Barrette / Barrette / Baret / Barrete

Cut / Taille / Hieb / Picado

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



LA2414

Slitting / A fendre / Schwert parallel / Para ranurar

Cut / Taille / Hieb / Picado

0	1	2	3	4	6
LA2414-140-0	LA2414-140-1	LA2414-140-2	LA2414-140-3	LA2414-140-4	
LA2414-160-0	LA2414-160-1	LA2414-160-2		LA2414-160-4	LA2414-160-6

L = mm	A x B = mm	
140	5.5 x 1.9	12
160	6.1 x 2.1	12



LA2415

Crochet / Crochet / Flachspitz runde Kanten / Gancho

Cut / Taille / Hieb / Picado

0	1	2	4	6
LA2415-140-0	LA2415-140-1	LA2415-140-2	LA2415-140-4	
LA2415-160-0	LA2415-160-1	LA2415-160-2	LA2415-160-4	LA2415-160-6
LA2415-180-0				
LA2415-200-0				

L = mm	A x B = mm	
140	4.8 x 1.25	12
160	5.4 x 1.35	12
180	5.9 x 1.45	12
200	6.5 x 1.55	12



LA2416

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

Cut / Taille / Hieb / Picado

0	1	2	4
LA2416-140-0	LA2416-140-1	LA2416-140-2	LA2416-140-4
LA2416-160-0	LA2416-160-1	LA2416-160-2	LA2416-160-4
LA2416-180-0		LA2416-180-2	
LA2416-200-0	LA2416-200-1		

L = mm	A x B = mm	
140	4.8 x 1.25	12
160	5.4 x 1.35	12
180	6.0 x 1.45	12
200	6.5 x 1.55	12



LA2417

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

Cut / Taille / Hieb / Picado

0	2	4
	LA2417-140-2	
		LA2417-140-4
LA2417-160-0	LA2417-160-2	LA2417-160-4

L = mm	A x B = mm	
100	3.8 x 1.05	12
140	4.8 x 1.25	12
160	5.4 x 1.35	12



LA2418

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

Cut / Taille / Hieb / Picado

0	2	4
LA2418-160-0	LA2418-160-2	LA2418-160-4

L = mm	A x B = mm	
160	5.5 x 1.85	12



LA2423

Round slim / Ronde effilée / Rund dünn / Redonda delgada

Cut / Taille / Hieb / Picado

1	2
LA2423-100-1	LA2423-100-2

L = mm	Ø = mm	
100	1.0	12



LA2424

Hot die barrette / Barrette hot die / Hot die Baret / Barrete hot die

Cut / Taille / Hieb / Picado

1	3
LA2424-140-1	
	LA2424-160-0

L = mm	A x B = mm	
140	4.7 x 1.7	12
160	5.1 x 1.8	12



NEEDLE FILES / LIMES AIGUILLES NADELFEILEN / LIMAS DE AGUJA

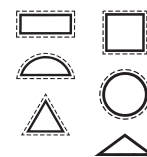


LA244

Set of 6 files in pouch / Jeu de 6 limes en étui
Satz zu 6 Feilen in Tasche / Juego de 6 limas en estuche
Cut / Taille / Hieb / Picado

0	1	2	4	L = mm	
LA2442-0	LA2442-1	LA2442-2		140	1
LA2443-0		LA2443-2	LA2443-4	160	1
LA2444-0		LA2444-2		180	1
LA2445-0		LA2445-2		200	1

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

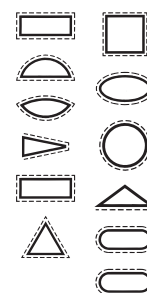


LA248

Set of 12 files in pouch
Jeu de 12 limes en étui
Satz zu 12 Feilen in Tasche
Juego de 12 limas en estuche
Cut / Taille / Hieb / Picado

0	1	2	4	A	L = mm	
LA2482-0	LA2482-1	LA2482-2			140	1
LA2483-0	LA2483-1	LA2483-2	LA2483-4	LA2483-A	160	1
LA2484-0					180	1
LA2485-0					200	1

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

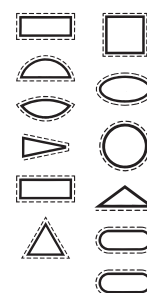


LA249

Set of 12 files in plastic box
Jeu de 12 limes en boîte plastique
Satz zu 12 Feilen in Plastikbox
Juego de 12 limas en caja de plástico
Cut / Taille / Hieb / Picado

2	4	L = mm	
LA2492-2	LA2492-4	140	1
LA2493-2	LA2493-4	160	1

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



ESCAPEMENT FILES / LIMES AUX ÉCHAPPEMENTS HEMMUNGSFEILEN / LIMAS DE ESCAPE



LE3004

Knife pointed / Couteau pointu
Messer spitz / Cuchillo puntiagudo

Cut / Taille / Hieb / Picado

2	4	6	8	L = mm	A x B = mm	
LE3004-55-2	LE3004-55-4	LE3004-55-6	LE3004-55-8	55	5.0 x 1.3	12



LE3008

Halfround / Mironde
Halbrund / Media caña

Cut / Taille / Hieb / Picado

2	4	5	6	8	10	L = mm	A x B = mm	
LE3008-40-2	LE3008-40-4		LE3008-40-6	LE3008-40-8		40	3.8 x 1.4	12
LE3008-55-2	LE3008-55-4	LE3008-55-5	LE3008-55-6		LE3008-55-10	55	4.7 x 1.6	12



LE3009

Crossing / Feuille de sauge
Vogelzunge / Almendra

Cut / Taille / Hieb / Picado

2	4	6	8	10	L = mm	A x B = mm	
LE3009-40-2	LE3009-40-4	LE3009-40-6	LE3009-40-8		40	3.8 x 1.4	12
LE3009-55-2	LE3009-55-4	LE3009-55-6	LE3009-55-8	LE3009-55-10	55	4.8 x 1.65	12



LE3010

Barrette / Barrette
Barett / Barrete

Cut / Taille / Hieb / Picado

0	2	3	4	5	6	8	10	L = mm	A x B = mm	
	LE3010-40-2		LE3010-40-4		LE3010-40-6	LE3010-40-8		40	3.8 x 1.3	12
LE3010-55-0	LE3010-55-2	LE3010-55-3	LE3010-55-4	LE3010-55-5	LE3010-55-6	LE3010-55-8	LE3010-55-10	55	4.5 x 1.3	12



LE3011

Barrette parallel / Barrette parallèle
Barett parallel / Barrete paralelo

Cut / Taille / Hieb / Picado

2	4	6	L = mm	A x B = mm	
LE3011-48-2	LE3011-48-4	LE3011-48-6	48	4.1 x 1.2	12



LE3012

Rounding off / Arrondir
Wälzfeile / Para redondear

Cut / Taille / Hieb / Picado

2	4	6	L = mm	A x B = mm	
LE3012-40-2	LE3012-40-4	LE3012-40-6	40	3.6 x 0.8	12



LE3014

Three-square / Triangulaire
Dreikant / Triangular






















Cut / Taille / Hieb / Picado

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



ESCAPEMENT FILES / LIMES AUX ÉCHAPPEMENTS HEMMUNGSFEILEN / LIMAS DE ESCAPE



LE3015										
Watch anchor / Entrée de fourchette Ankergabelfeile / Para horquillas de áncora										
Cut / Taille / Hieb / Picado										
6	8									
LE3015-55-6	LE3015-55-8									
							L = mm	A x B = mm		
							55	4.4 x 0.8	12	
LE3016										
Warding / Entrée Flachspitz / Plana de punta										
Cut / Taille / Hieb / Picado										
4	6									
LE3016-55-4	LE3016-55-6									
							L = mm	A x B = mm		
							55	4.6 x 0.9	12	
LE3017										
Pillar / Pilier Stiften / Plana										
Cut / Taille / Hieb / Picado										
2	4	6	8	10						
LE3017-55-2	LE3017-55-4	LE3017-55-6	LE3017-55-8	LE3017-55-10						
							L = mm	A x B = mm		
							55	5.0 x 0.9	12	
LE3020										
Square / Carrée Vierkant / Cuadrada										
Cut / Taille / Hieb / Picado										
0	2	3	4	5	6	8	10			
LE3020-55-0	LE3020-55-2	LE3020-55-3	LE3020-55-4	LE3020-55-5	LE3020-55-6	LE3020-55-8	LE3020-55-10			
	LE3020-65-2		LE3020-65-4		LE3020-65-6	LE3020-65-8				
								L = mm	A = mm	
								55	1.7	12
								65	1.9	12
LE3021										
Round / Ronde Rund / Redonda										
Cut / Taille / Hieb / Picado										
0	10	2	3	4	6	8				
LE3021-55-0	LE3021-55-10	LE3021-55-2	LE3021-55-3	LE3021-55-4	LE3021-55-6	LE3021-55-8				
		LE3021-65-2		LE3021-65-4	LE3021-65-6	LE3021-65-8				
							L = mm	∅ = mm		
							55	1.5	12	
							65	2.0	12	
LE3026										
Balance wheel / Feuille de sauge à côtes Vogelzunge mit scharfem Rücken / Almendra con lomo afilado										
Cut / Taille / Hieb / Picado										
4	6				10					
LE3026-35-4	LE3026-35-6				LE3026-35-10					
							L = mm	A x B = mm		
							35	2.9 x 1.2	12	
LE3029										
Equalling / Egalir Ausstreich / Para igualar										
Cut / Taille / Hieb / Picado										
2	4				6					
LE3029-55-2-DT	LE3029-55-4-DT				LE3029-55-6-DT					
							L = mm	A x B = mm		
							55	4.7 x 0.7	12	

ESCAPEMENT FILES / LIMES AUX ÉCHAPPEMENTS HEMMUNGSFEILEN / LIMAS DE ESCAPE



LE3080

Set of 6 files in pouch
Jeu de 6 limes en étui
Satz zu 6 Feilen in Tasche
Juego de 6 limas en estuche

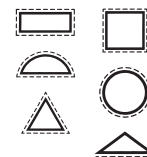
Cut / Taille / Hieb / Picado
10

LE3080-10

L =
mm
55



1



Composed of / Composé de / Bestehend aus / Compuesto de:
LE3008 - LE3010 - LE3014 - LE3017 - LE3020 - LE3021

LE3092

Set of 12 files in pouch
Jeu de 12 limes en étui
Satz zu 12 Feilen in Tasche
Juego de 12 limas en estuche

Cut / Taille / Hieb / Picado

4 6

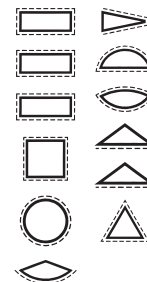
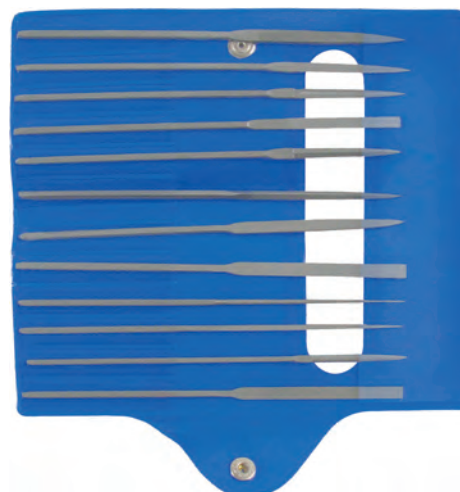
LE3092-4

LE3092-6

L =
mm
55



























1



Composed of / Composé de / Bestehend aus / Compuesto de:
LE3004 - LE3008 - LE3009 - LE3010 - LE3011 - LE3014 - LE3016 - LE3017 - LE3020 - LE3021 -
LE3026 - LE3029

RIFFLERS 150 MM / RIFLOIRS 150 MM
 RIFFELFEILEN 150 MM / CODILLOS 150 MM



LR12910		
Hand / Plat Flachstumpf / Plano Cut / Taille / Hieb / Picado 0	2	
LR12910-0	LR12910-2	
		L = mm A x B = mm 
		150 2.0 x 1.2 6
LR12911		
Hand / Plat Flachstumpf / Plano Cut / Taille / Hieb / Picado 0	2	
LR12911-0	LR12911-2	
		L = mm A x B = mm 
		150 2.0 x 1.2 6
LR12913		
Hand / Plat Flachstumpf / Plano Cut / Taille / Hieb / Picado 0	2	
LR12913-0	LR12913-2	
		L = mm A x B = mm 
		150 2.6 x 1.5 6
LR12914		
Flat pointed / Plat pointu Flachspitz / Plano de punta Cut / Taille / Hieb / Picado 0	2	
LR12914-0	LR12914-2	
		L = mm A x B = mm 
		150 3.4 x 1.5 6
LR12915		
Flat pointed / Plat pointu Flachspitz / Plano de punta Cut / Taille / Hieb / Picado 0	2	
LR12915-0	LR12915-2	
		L = mm A x B = mm 
		150 3.4 x 1.5 6
LR12916		
Hand / Plat Flachstumpf / Plano Cut / Taille / Hieb / Picado 0	2	
LR12916-0	LR12916-2	
		L = mm A x B = mm 
		150 3.0 x 3.0 6
LR12917		
Hand / Plat Flachstumpf / Plano Cut / Taille / Hieb / Picado 0	2	
LR12917-0	LR12917-2	
		L = mm A x B = mm 
		150 3.0 x 3.0 6
LR12918		
Hand / Plat Flachstumpf / Plano Cut / Taille / Hieb / Picado 0	2	
LR12918-0	LR12918-2	
		L = mm A x B = mm 
		150 3.8 x 1.6 6

RIFFLERS 150 MM / RIFLOIRS 150 MM
RIFFELFEILEN 150 MM / CODILLOS 150 MM



LR12930 Square / Carré Vierkant / Cuadrado Cut / Taille / Hieb / Picado 0	2		
LR12930-0	LR12930-2	L = mm 150	A = mm 2.5 6
LR12940 Three-square / Triangulaire Dreikant / Triangular Cut / Taille / Hieb / Picado 0	2		
LR12940-0	LR12940-2	L = mm 150	A = mm 2.1 6
LR12942 Three-square / Triangulaire Dreikant / Triangular Cut / Taille / Hieb / Picado 0	2		
LR12942-0	LR12942-2	L = mm 150	A = mm 3.1 6
LR12943 Three-square / Triangulaire Dreikant / Triangular Cut / Taille / Hieb / Picado 0	2		
LR12943-0	LR12943-2	L = mm 150	A = mm 3.4 6
LR12951 Knife / Couteau Messer / Cuchillo Cut / Taille / Hieb / Picado 0	2		
LR12951-0	LR12951-2	L = mm 150	A x B = mm 4.4 x 1.2 6
LR12952 Knife / Couteau Messer / Cuchillo Cut / Taille / Hieb / Picado 0	2		
LR12952-0	LR12952-2	L = mm 150	A x B = mm 4.4 x 1.2 6
LR12955 Pippin / Pippin Spitzkugel / Oval con borde redondo Cut / Taille / Hieb / Picado 0	2		
LR12955-0	LR12955-2	L = mm 150	A x B = mm 4.4 x 1.35 6
LR12956 Knife flat edge / Couteau filet plat Messer dünn flach / Cuchillo lado plano Cut / Taille / Hieb / Picado 0	2		
LR12956-0	LR12956-2	L = mm 150	A x B = mm 4.4 x 1.2 6

RIFFLERS 150 MM / RIFLOIRS 150 MM
RIFFELFEILEN 150 MM / CODILLOS 150 MM



LR12961 Halfround / Mirond Halbrund / Media caña Cut / Taille / Hieb / Picado 0	2		
LR12961-0	LR12961-2	L = mm 150	A x B = mm 4.5 x 2.2 6
LR12963 Halfround / Mirond Halbrund / Media caña Cut / Taille / Hieb / Picado 0	2		
LR12963-0	LR12963-2	L = mm 150	A x B = mm 4.7 x 1.5 6
LR12964 Halfround / Mirond Halbrund / Media caña Cut / Taille / Hieb / Picado 0	2		
LR12964-0	LR12964-2	L = mm 150	A x B = mm 4.6 x 1.4 6
LR12965 Halfround flat side cut / Mirond plat taillé Halbrund (nur Flachseite gehaunen) / Media caña plano tallado Cut / Taille / Hieb / Picado 0	2		
LR12965-0	LR12965-2	L = mm 150	A x B = mm 5.0 x 1.9 6
LR12970 Crossing / Feuille de sauge Vogelzunge / Almendra Cut / Taille / Hieb / Picado 0	2		
LR12970-0	LR12970-2	L = mm 150	A x B = mm 1.8 x 1.2 6
LR12972 Crossing / Feuille de sauge Vogelzunge / Almendra Cut / Taille / Hieb / Picado 0	2		
LR12972-0	LR12972-2	L = mm 150	A x B = mm 3.8 x 1.8 6
LR12973 Crossing / Feuille de sauge Vogelzunge / Almendra Cut / Taille / Hieb / Picado 0	2		
LR12973-0	LR12973-2	L = mm 150	A x B = mm 3.8 x 1.8 6

RIFFLERS 150 MM / RIFLOIRS 150 MM
RIFFELFEILEN 150 MM / CODILLOS 150 MM



LR12974 Crossing / Feuille de sauge Vogelzunge / Almendra Cut / Taille / Hieb / Picado 0	2		
LR12974-0	LR12974-2	L = 150 mm A x B = 3.8 x 1.8 mm	6
LR12981 Round / Rond Rund / Redondo Cut / Taille / Hieb / Picado 0	2		
LR12981-0	LR12981-2	L = 150 mm Ø = 3.1 mm	6
LR12982 Round - pompom / Pompon Verrundet / Pompón Cut / Taille / Hieb / Picado 0	2		
LR12982-0	LR12982-2	L = 150 mm Ø = 3.0 mm	6
LR12983 Round / Rond Rund / Redondo Cut / Taille / Hieb / Picado 0	2		
LR12983-0	LR12983-2	L = 150 mm Ø = 3.2 mm	6
LR12984 Round / Rond Rund / Redondo Cut / Taille / Hieb / Picado 0	2		
LR12984-0	LR12984-2	L = 150 mm Ø = 3.1 mm	6
LR12985 Round / Rond Rund / Redondo Cut / Taille / Hieb / Picado 0	2		
LR12985-0	LR12985-2	L = 150 mm Ø = 3.2 mm	6
LR12986 Round / Rond Rund / Redondo Cut / Taille / Hieb / Picado 0	2		
LR12986-0	LR12986-2	L = 150 mm Ø = 2.6 mm	6
LR12987 Round / Rond Rund / Redondo Cut / Taille / Hieb / Picado 0	2		
LR12987-0	LR12987-2	L = 150 mm Ø = 3.2 mm	6

RIFFLERS 180 MM / RIFLOIRS 180 MM
 RIFFELFEILEN 180 MM / CODILLOS 180 MM



LR12710		
Hand / Plat Flachstumpf / Plano Cut / Taille / Hieb / Picado	2	
LR12710-0	LR12710-2	L = mm A x B = mm 180 8.3 x 2.4 6
LR12711		
Hand / Plat Flachstumpf / Plano Cut / Taille / Hieb / Picado	2	
LR12711-0	LR12711-2	L = mm A x B = mm 180 8.3 x 2.4 6
LR12712		
Flat pointed / Plat pointu Flachspitz / Plano de punta Cut / Taille / Hieb / Picado	2	
LR12712-0	LR12712-2	L = mm A x B = mm 180 8.3 x 2.4 6
LR12713		
Warding / Entrée Flachspitz / Plano de punta Cut / Taille / Hieb / Picado	2	
LR12713-0	LR12713-2	L = mm A x B = mm 180 8.3 x 2.4 6
LR12731		
Square / Carré Vierkant / Cuadrado Cut / Taille / Hieb / Picado	2	
LR12731-0	LR12731-2	L = mm A = mm 180 4.8 6
LR12732		
Square / Carré Vierkant / Cuadrado Cut / Taille / Hieb / Picado	2	
LR12732-0	LR12732-2	L = mm A = mm 180 4.6 6
LR12741		
Three-square / Triangulaire Dreikant / Triangular Cut / Taille / Hieb / Picado	2	
LR12741-0	LR12741-2	L = mm A = mm 180 7.4 6
LR12750		
Knife / Couteau Messer / Cuchillo Cut / Taille / Hieb / Picado	2	
LR12750-0	LR12750-2	L = mm A x B = mm 180 10.4 x 2.7 6

RIFFLERS 180 MM / RIFLOIRS 180 MM
RIFFELFEILEN 180 MM / CODILLOS 180 MM



LR12761		
Halfround / Mirond Halbrund / Media caña Cut / Taille / Hieb / Picado 0	2	
LR12761-0	LR12761-2	6
L = mm	A x B = mm	
180	9.5 x 3.8	6
LR12763		
Halfround / Mirond Halbrund / Media caña Cut / Taille / Hieb / Picado 0	2	
LR12763-0	LR12763-2	6
L = mm	A x B = mm	
180	9.2 x 3.6	6
LR12764		
Halfround flat side cut Mirond plat taillé Halbrund (nur Flachseite gehaunen) / Media caña plano tallado Cut / Taille / Hieb / Picado 0	2	
LR12764-0	LR12764-2	6
L = mm	A x B = mm	
180	9.2 x 3.6	6
LR12771		
Crossing / Feuille de sauge Vogelzunge / Almendra Cut / Taille / Hieb / Picado 0	2	
LR12771-0	LR12771-2	6
L = mm	A x B = mm	
180	7.8 x 4.1	6
LR12781		
Round / Rond Rund / Redondo Cut / Taille / Hieb / Picado 0	2	
LR12781-0	LR12781-2	6
L = mm	Ø = mm	
180	4.8	6
LR12790		
Pippin / Pippin Spitzkugel / Oval con borde redondo Cut / Taille / Hieb / Picado 0	2	
LR12790-0	LR12790-2	6
L = mm	A x B = mm	
180	8.2 x 4.0	6

RIFFLERS 300 MM / RIFLOIRS 300 MM
 RIFFELFEILEN 300 MM / CODILLOS 300 MM



LR12410

Hand / Plat
 Flachstumpf / Plano
 Cut / Taille / Hieb / Picado
 0



LR12410-0	00	LR12410-00	L = mm 300	A x B = mm 12.8 x 4.0	 6
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RIFFLERS / RIFLOIRS
 RIFFELFEILEN / CODILLOS

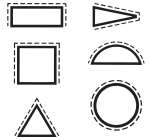


LR12156

Set of 6 pieces
 Jeu de 6 rifloirs
 Satz zu 6 Stück
 Juego de 6 piezas
 Cut / Taille / Hieb / Picado
 0

2

L = mm 150	 1
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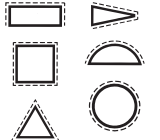
Composed of / Composé de / Bestehend aus / Compuesto de:
 LR12915 - LR12930 - LR12942 - LR12952 - LR12963 - LR12981

LR12186

Set of 6 pieces
 Jeu de 6 rifloirs
 Satz zu 6 Stück
 Juego de 6 piezas
 Cut / Taille / Hieb / Picado
 0



















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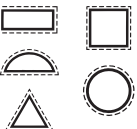

L = mm 180	 1
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Composed of / Composé de / Bestehend aus / Compuesto de:
 LR12711 - LR12731 - LR12741 - LR12750 - LR12763 - LR12781



LH2601		
Pillar / Pilier / Stiften / Plana Cut / Taille / Hieb / Picado 00	1	
LH2601-00	LH2601-1	
	L = mm	A x B = mm
	215	10.0 x 2.6
		
		12
LH2602		
Halfround / Mironde / Halbrund / Media caña Cut / Taille / Hieb / Picado 00	1	
LH2602-00	LH2602-1	
	L = mm	A x B = mm
	215	12.2 x 3.4
		
		12
LH2607		
Three-square / Triangulaire / Dreikant / Triangular Cut / Taille / Hieb / Picado 00	1	
LH2607-00	LH2607-1	
	L = mm	A = mm
	215	9.5
		
		12
LH2608		
Square / Carrée / Vierkant / Cuadrada Cut / Taille / Hieb / Picado 00	1	
LH2608-00	LH2608-1	
	L = mm	A = mm
	215	6.0
		
		12
LH2610		
Round / Ronde / Rund / Redonda Cut / Taille / Hieb / Picado 00	1	
LH2610-00	LH2610-1	
	L = mm	Ø = mm
	215	6.5
		
		12
LH2901		
Pillar Multifile / Pilier Multifile Flachstumpf Multifile / Plana Multifile Cut / Taille / Hieb / Picado 00		
LH2901-00		
	L = mm	A x B = mm
	215	10.0 x 3.2
		
		12

LH2630		
Set of 5 files in pouch / Jeu de 5 limes en étui Satz zu 5 Feilen in Tasche / Juego de 5 limas en estuche Cut / Taille / Hieb / Picado 00	1	
LH2630-00	LH2630-1	
	L = mm	
	215	1
Composed of / Composé de / Bestehend aus / Compuesto de: LH2601 - LH2602 - LH2607 - LH2608 - LH2610		

LH2631		
Set of 3 files in pouch / Jeu de 3 limes en étui Satz zu 3 Feilen in Tasche / Juego de 3 limas en estuche Cut / Taille / Hieb / Picado 00	1	
LH2631-00	LH2631-1	
	L = mm	
	215	1
Composed of / Composé de / Bestehend aus / Compuesto de: LH2601 - LH2602 - LH2607		

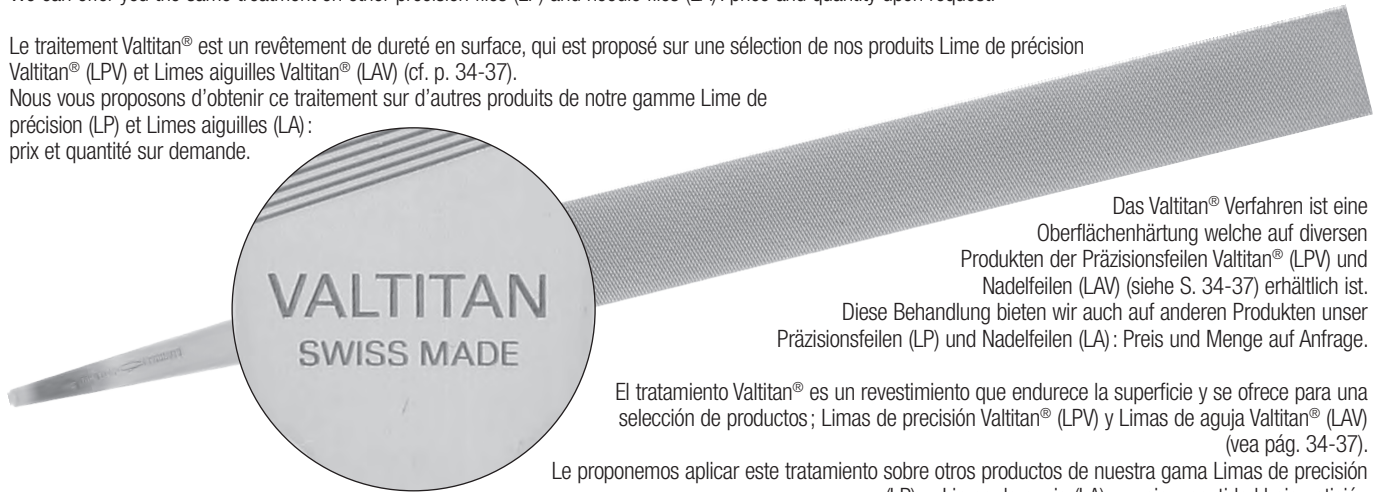


The Valtitan® treatment is a coating of surface hardness, which is proposed on a selection of our Valtitan® precision files (LPV) and Valtitan® needle files (LAV) (see p. 34-37).

We can offer you the same treatment on other precision files (LP) and needle files (LA): price and quantity upon request.

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. 34-37).

Nous vous proposons d'obtenir ce traitement sur d'autres produits de notre gamme Lime de précision (LP) et Limes aiguilles (LA): prix et quantité sur demande.



Das Valtitan® Verfahren ist eine Oberflächenhärtung welche auf diversen Produkten der Präzisionsfeilen Valtitan® (LPV) und Nadelfeilen (LAV) (siehe S. 34-37) erhältlich ist. Diese Behandlung bieten wir auch auf anderen Produkten unser Präzisionsfeilen (LP) und Nadelfeilen (LA): Preis und Menge auf Anfrage.

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. 34-37).
Le proponemos aplicar este tratamiento sobre otros productos de nuestra gama Limas de precisión (LP) y Limas de aguja (LA): precio y cantidad bajo petición

LPV1163

Hand / Carrelette
Ansatz / Carleta

Cut / Taille / Hieb / Picado
000

	00	0	2	L = "/mm	A x B = mm	
	LPV1163-6-00	LPV1163-6-0	LPV1163-6-2	6 / 150	18.5 x 4.0	12
	LPV1163-8-00	LPV1163-8-0	LPV1163-8-2	8 / 200	21.3 x 4.8	12
LPV1163-10-000	LPV1163-10-00	LPV1163-10-0		10 / 250	25.3 x 6.3	12

LPV1132

Regular pillar 2 sides cut
Pilier ordinaire 2 côtés
Stiften normal 2 Seiten / Plana paralela normal con picado en 2 lados

Cut / Taille / Hieb / Picado
0

	2	L = "/mm	A x B = mm	
LPV1132-6-0		6 / 150	12.0 x 4.0	12
LPV1132-8-0	LPV1132-8-2	8 / 200	14.5 x 4.5	12

LPV1560

Halfround ordinary / Mironde ordinaire
Halbrund normal / Media caña normal

Cut / Taille / Hieb / Picado
0

	2	L = "/mm	A x B = mm	
LPV1560-6-0	LPV1560-6-2	6 / 150	15.1 x 4.7	12
LPV1560-8-0	LPV1560-8-2	8 / 200	21.1 x 6.3	12

LPV1566

Halfround slim / Mironde effilée
Halbrund schlank / Media caña delgada

Cut / Taille / Hieb / Picado
0

	2	L = "/mm	A x B = mm	
LPV1566-6-0	LPV1566-6-2	6 / 150	12.7 x 3.5	12




LPV1360

Three-square / Triangulaire
 Dreikant / Triangular
 Cut / Taille / Hieb / Picado
 0



LPV1360-8-0

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

LPV1660

Round pointed / Ronde ordinaire pointue
 Rund normal spitz / Redonda normal aguda
 Cut / Taille / Hieb / Picado
 2



LPV1660-8-2

L =	Ø =	
" / mm	mm	
8 / 200	7.8	12

LPV1670

Round ordinary blunt / Ronde ordinaire mottue
 Rund normal stumpf / Redonda normal punta plana
 Cut / Taille / Hieb / Picado
 0



LPV1670-8-0


L =	Ø =	
" / mm	mm	
8 / 200	7.5	12

LPV1060



Barrette / Barrette
 Barett / Barrete
 Cut / Taille / Hieb / Picado
 2





LPV1060-6-2



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







LAV2401			
Pillar / Pilier / Stiften / Plana			
Cut / Taille / Hieb / Picado			
0	2	L = mm	A x B = mm
LAV2401-180-0	LAV2401-180-2	180	6.0 x 1.3
			12



LAV2402			
Halfround / Mironde / Halbrund / Media caña			
Cut / Taille / Hieb / Picado			
00	2	L = mm	A x B = mm
LAV2402-180-00	LAV2402-180-0	LAV2402-180-2	180
			5.9 x 2.05
			12


LAV2406			
Warding / Entrée / Flachspitz / Plana de punta			
Cut / Taille / Hieb / Picado			
0	2	L = mm	A x B = mm
LAV2406-180-0	LAV2406-180-2	180	6.0 x 1.25
			12

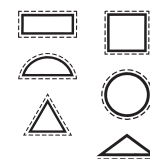
LAV2407			
Three-square / Triangulaire / Dreikant / Triangular			
Cut / Taille / Hieb / Picado			
0	2	L = mm	A = mm
LAV2407-180-0	LAV2407-180-2	180	4.3
			12

LAV2408			
Square / Carrée / Vierkant / Cuadrada			
Cut / Taille / Hieb / Picado			
0	2	L = mm	A = mm
LAV2408-180-0	LAV2408-180-2	180	2.6
			12

LAV2410			
Round / Ronde / Rund / Redonda			
Cut / Taille / Hieb / Picado			
0	2	L = mm	Ø = mm
LAV2410-180-0	LAV2410-180-2	180	3.2
			12

LAV2411			
Barrette / Barrette / Baret / Barrete			
Cut / Taille / Hieb / Picado			
0	2	L = mm	A x B = mm
LAV2411-180-0	LAV2411-180-2	180	5.4 x 2.0
			12

LAV2495			
Set of 6 files in pouch / Jeu de 6 limes en étui			
Satz zu 6 Feilen in Tasche / Juego de 6 limas en estuche			
Cut / Taille / Hieb / Picado			
0	2	L = mm	
LAV2495-0	LAV2495-2	180	1



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

SPECIAL CUT FILES / LIMES TAILLES SPÉCIALES SPEZIALHIEB FEILEN / LIMAS ESPECIALES



LP1166

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

Cut / Taille / Hieb / Picado

00 (8)	0 (12)	1 (16)	2 (20)	L = "/ mm	A x B = mm	
LP1166-6-00	LP1166-6-0	LP1166-6-1	LP1166-6-2	6 / 150	19.0 x 5.2	12
	LP1166-8-0	LP1166-8-1	LP1166-8-2	8 / 200	22.0 x 5.2	12



LP1136

Pillar chequering / Pilier à canneler
Kannelier Stiften / Plana paralela para estriar

Cut (raws/cm) / Taille (rayes/cm) / Hieb (Fäden/cm) / Picado (rayas/cm)

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



LP5070

Hand Multifile / Plate Multifile
Flach Multifile / Plana Multifile

Cut / Taille / Hieb / Picado

6-8	5-7	L = "/ mm	A x B = mm	
LP5070-8		8 / 200	21.3 x 4.8	12
	LP5070-10	10 / 250	25.3 x 6.3	12



LH2901

Pillar Multifile / Pilier Multifile
Flachstumpf Multifile / Plana Multifile

Cut / Taille / Hieb / Picado

00	L = mm	A x B = mm	
LH2901-00	215	10.0 x 3.2	12






LP1312

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



Cut / Taille / Hieb / Picado
0

	L = "/mm	A x B = mm	
LP1312-6-0	6 / 150	15.5 x 3.5	12
LP1312-8-0	8 / 200	21.3 x 4.8	12
LP1312-10-0	10 / 250	25.3 x 6.3	12

LP1352

Halfround for aluminium
Mironde aluminium
Halbrundfeile für Aluminium / Media caña para aluminio



Cut / Taille / Hieb / Picado
0

	L = "/mm	A x B = mm	
LP1352-6-0	6 / 150	18.4 x 5.2	12


LP1540

Vul-Crylic file for wax
Mironde double pour cire
Halbrund doppelt für Wachs / Media caña doble para cera





	L = "/mm	A x B = mm	
LP1540-6	6 / 150	12.5 x 3.5	12
LP1540-8	8 / 200	13.5 x 4.0	12




LM0910  

Pillar / Pilier
Stiften / Plana

Cut / Taille / Hieb / Picado	0	4	L = mm	A x B = mm	
LM0910-0	LM0910-4	40	2.0 x 1.2	5	

LM0941  



Three-square / Triangulaire
Dreikant / Triangular

Cut / Taille / Hieb / Picado	0	4	L = mm	A = mm	
LM0941-0	LM0941-4	45	2.7	5	


LM0911  

Bent pillar
Pilier cintré
Stiften gebogen / Plana curvado

Cut / Taille / Hieb / Picado	0	4	L = mm	A x B = mm	
LM0911-0	LM0911-4	40	2.0 x 1.2	5	

LM0980  

Round / Ronde
Rund / Redonda

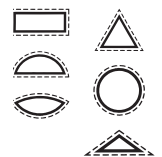
Cut / Taille / Hieb / Picado	0	4	L = mm	∅ = mm	
LM0980-0	LM0980-4	40	2.9	5	

DIAMOND BUFF FILES (NEEDLE) / LIMES CABRONS (AIGUILLES)
 DIAMANT SCHMIRGEFEILEN (NADELFEILEN) /
 LIMAS PULIDORAS DIAMANTADAS (DE AGUJA)



<p>LAC2401</p> <p>Pillar / Pilièr / Stiften / Plana Grit / Grain / Körnung / Grano G10</p> <p>LAC2401-140-G10</p>			<p>L = mm</p> <p>A x B = mm</p> <p>6</p>
<p>LAC2402</p> <p>Halfround / Mironde / Halbrund / Media caña Grit / Grain / Körnung / Grano G10</p> <p>LAC2402-140-G10</p>			<p>L = mm</p> <p>A x B = mm</p> <p>6</p>
<p>LAC2403</p> <p>Crossing / Feuille de sauge / Vogelzunge / Almendra Grit / Grain / Körnung / Grano G10</p> <p>LAC2403-140-G10</p>			<p>L = mm</p> <p>A x B = mm</p> <p>6</p>
<p>LAC2407</p> <p>Three-square / Triangulaire / Dreikant / Triangular Grit / Grain / Körnung / Grano G10</p> <p>LAC2407-140-G10</p>			<p>L = mm</p> <p>A = mm</p> <p>6</p>
<p>LAC2408</p> <p>Square / Carrée / Vierkant / Cuadrada Grit / Grain / Körnung / Grano G10</p> <p>LAC2408-140-G10</p>			<p>L = mm</p> <p>A = mm</p> <p>6</p>
<p>LAC2410</p> <p>Round / Ronde / Rund / Redonda Grit / Grain / Körnung / Grano G10</p> <p>LAC2410-140-G10</p>			<p>L = mm</p> <p>∅ = mm</p> <p>6</p>
<p>LAC2411</p> <p>Barrette / Barrette / Barett / Barrete Grit / Grain / Körnung / Grano G10</p> <p>LAC2411-140-G10</p>			<p>L = mm</p> <p>A x B = mm</p> <p>6</p>

<p>LAC2462</p> <p>Set of 6 files / Jeu de 6 limes Satz zu 6 Feilen / Juego de 6 limas Grit / Grain / Körnung / Grano G10</p> <p>LAC2462-140-G10</p>	<p>L = mm</p> <p>1</p>	
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






Composed of / Composé de / Bestehend aus / Compuesto de:
 LAC2401 - LAC2402 - LAC2407 - LAC2408 - LAC2410 - LAC2411

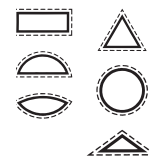
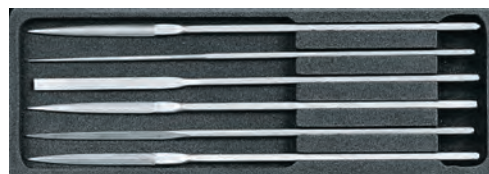
DIAMOND BUFF FILES (ESCAPEMENT) / LIMES CABRONS (AUX ÉCHAPPEMENTS) DIAMANT SCHMIRGEFEILEN (HEMMUNGSFEILEN)



LIMAS PULIDORAS DIAMANTADAS (DE ESCAPE)

LEC3008		
Halfround / Mironde / Halbrund / Media caña		
Grit / Grain / Körnung / Grano G10		
LEC3008-55-G10	L = mm 55	A x B = mm 4.0 x 1.3 6
LEC3009		
Crossing / Feuille de sauge / Vogelzunge / Almendra		
Grit / Grain / Körnung / Grano G10		
LEC3009-55-G10	L = mm 55	A x B = mm 3.8 x 1.4 6
LEC3010		
Barrette / Barrette / Barett / Barrete		
Grit / Grain / Körnung / Grano G10		
LEC3010-55-G10	L = mm 55	A x B = mm 3.9 x 1.2 6
LEC3014		
Three-square / Triangulaire / Dreikant / Triangular		
Grit / Grain / Körnung / Grano G10		
LEC3014-55-G10	L = mm 55	A = mm 2.8 6
LEC3017		
Pillar / Pilier / Stiften / Plana		
Grit / Grain / Körnung / Grano G10		
LEC3017-55-G10	L = mm 55	A x B = mm 3.6 x 0.8 6
LEC3020		
Square / Carrée / Vierkant / Cuadrada		
Grit / Grain / Körnung / Grano G10		
LEC3020-55-G10	L = mm 55	A = mm 1.7 6
LEC3021		
Round / Ronde / Rund / Redonda		
Grit / Grain / Körnung / Grano G10		
LEC3021-55-G10	L = mm 55	Ø = mm 1.5 6
















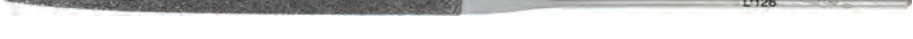





LEC3062		
Set of 6 files / Jeu de 6 limes Satz zu 6 Feilen / Juego de 6 limas		
Grit / Grain / Körnung / Grano G10		
LEC3062-55-G10	L = mm 55	 1



Composed of / Composé de / Bestehend aus / Compuesto de:
LEC3008 - LEC3009 - LEC3010 - LEC3014 - LEC3017 - LEC3021

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



DA8401		
Pillar / Piliier / Stiften / Plana		
Grit / Grain / Körnung / Grano	91	
126		
DA8401-126	DA8401-91	
	L = mm	A x B = mm
	140	4.8 x 1.05
		
		1
DA8402		
Halfround / Mironde / Halbrund / Media caña		
Grit / Grain / Körnung / Grano	91	
126		
DA8402-126	DA8402-91	
	L = mm	A x B = mm
	140	5.1 x 1.7
		
		1
DA8407		
Three-square / Triangulaire / Dreikant / Triangular		
Grit / Grain / Körnung / Grano	91	
126		
DA8407-126	DA8407-91	
	L = mm	A = mm
	140	3.6
		
		1
DA8408		
Square / Carrée / Vierkant / Cuadrada		
Grit / Grain / Körnung / Grano	91	
126		
DA8408-126	DA8408-91	
	L = mm	A = mm
	140	2.2
		
		1
DA8410		
Round / Ronde / Rund / Redonda		
Grit / Grain / Körnung / Grano	91	
126		
DA8410-126	DA8410-91	
	L = mm	Ø = mm
	140	2.8
		
		1
DA8411		
Barrette / Barrette / Barett / Barrete		
Grit / Grain / Körnung / Grano	91	
126		
DA8411-126	DA8411-91	
	L = mm	A x B = mm
	140	4.7 x 1.7
		
		1
DA8432		
Set of 5 files		
Jeu de 5 limes		
Satz zu 5 Feilen		
Juego de 5 limas		
Grit / Grain / Körnung / Grano	91	
126		
DA8432-126	DA8432-91	
	L = mm	
	140	
		
		1
Composed of / Composé de / Bestehend aus / Compuesto de: DA8401 - DA8402 - DA8407 - DA8408 - DA8410		

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



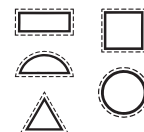
DH8232

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

Grit / Grain / Körnung / Grano
126

DH8232-126

L =
mm 
215 1



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

DH8201 Pillar / Pilier / Flachstumpf / Pilar
DH8202 Halfround / Mironde / Halbrund / Media caña
DH8207 Three-square / Triangulaire / Dreikant / Triangular
DH8208 Square / Carrée / Vierkant / Cuadrada
DH8210 Round / Ronde / Rund / Redonda

A x B = 10 x 2.6 mm
A x B = 12.2 x 3.4 mm
A = 9.5 mm
A = 6.0
Ø = 6.5 mm

VALDIAMOND




DD8800

Diamond foils
Feuilles diamantées
Diamantfolien
Hojas diamantadas

Grit / Grain / Körnung / Grano
1000 300 600












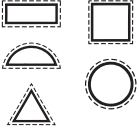

DD8800-1000 DD8800-300 DD8800-600

A x B =
mm 
100 x 50 1



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



DA9401		
Hand / Pilier / Flachstumpf / Plana Grit / Grain / Körnung / Grano 91		
DA9401-91	L = mm 140	A x B = mm 4.8 x 1.3 1
DA9402		
Halfround / Mironde / Halbrund / Media caña Grit / Grain / Körnung / Grano 91		
DA9402-91	L = mm 140	A x B = mm 5.0 x 1.7 1
DA9407		
Three-square / Triangulaire / Dreikant / Triangular Grit / Grain / Körnung / Grano 91		
DA9407-91	L = mm 140	A = mm 3.3 1
DA9408		
Square / Carrée / Vierkant / Cuadrada Grit / Grain / Körnung / Grano 91		
DA9408-91	L = mm 140	A = mm 2.4 1
DA9410		
Round / Ronde / Rund / Redonda Grit / Grain / Körnung / Grano 91		
DA9410-91	L = mm 140	Ø = mm 2.8 1
DA9470		
Set of 5 files / Jeu de 5 limes Satz zu 5 Feilen / Juego de 5 limas Grit / Grain / Körnung / Grano 91	L = mm 140	 1
DA9470-91		
Composed of / Composé de / Bestehend aus / Compuesto de: DA9401 - DA9402 - DA9407 - DA9408 - DA9410		

CERAMIC FIBER FILES / LIMES FIBRES CÉRAMIQUES KERAMIKFASERN FEILEN / LIMAS DE FIBRAS CERÁMICAS



LF0502

Pillar / Pilier
Stiften / Plana

L = 100 mm

A x B = 2.0 x 0.5 mm

Grit / Grain / Körnung / Grano

300 400 600 800 1000 1200

LF0502-M-300 LF0502-M-400 LF0502-M-600 LF0502-M-800 LF0502-M-1000 LF0502-M-1200

GLARDON SWISS QUALITY

LF1002

Pillar / Pilier
Stiften / Plana

L = 100 mm

A x B = 2.0 x 1.0 mm

Grit / Grain / Körnung / Grano

120 220 300 400 600 800 1000 1200 1500 2000 3000

LF1002-M-120 LF1002-M-220 LF1002-M-300 LF1002-M-400 LF1002-M-600 LF1002-M-800 LF1002-M-1000 LF1002-M-1200 LF1002-M-1500 LF1002-M-2000 LF1002-M-3000

GLARDON SWISS QUALITY

LF0504

Pillar / Pilier
Stiften / Plana

L = 100 mm

A x B = 4.0 x 0.5 mm

Grit / Grain / Körnung / Grano

220 300 400 600 800 1000 1200

LF0504-M-220 LF0504-M-300 LF0504-M-400 LF0504-M-600 LF0504-M-800 LF0504-M-1000 LF0504-M-1200

GLARDON SWISS QUALITY

LF1004

Pillar / Pilier
Stiften / Plana

L = 100 mm

A x B = 4.0 x 1.0 mm

Grit / Grain / Körnung / Grano

120 220 300 400 600 800 1000 1200 1500

LF1004-M-120 LF1004-M-220 LF1004-M-300 LF1004-M-400 LF1004-M-600 LF1004-M-800 LF1004-M-1000 LF1004-M-1200 LF1004-M-1500

GLARDON SWISS QUALITY

LF234

Round / Ronde
Rund / Redonda

L = 50 mm

Ø = 2.3 mm

Grit / Grain / Körnung / Grano

220 300 400 600 800 1000 1200

LF234-S-220 LF234-S-300 LF234-S-400 LF234-S-600 LF234-S-800 LF234-S-1000 LF234-S-1200

GLARDON

LF30

Round / Ronde
Rund / Redonda

L = 50 mm

Ø = 3.0 mm

Grit / Grain / Körnung / Grano

220 300 400 600 800 1000 1200

LF30-S-220 LF30-S-300 LF30-S-400 LF30-S-600 LF30-S-800 LF30-S-1000 LF30-S-1200

GLARDON




LF0505		L = 50 mm		A = 0.5 mm		= 3			
Square / Carrée Vierkant / Cuadrada									
Grit / Grain / Körnung / Grano									
800									
					1200				
LF0505-S-800					LF0505-S-1200				
LF0909		L = 50 mm		A = 0.9 mm		= 3			
Square / Carrée Vierkant / Cuadrada									
Grit / Grain / Körnung / Grano									
800									
					1200				
LF0909-S-800					LF0909-S-1200				
LF1001		L = 100 mm		A = 1.0 mm		= 10			
Square / Carrée Vierkant / Cuadrada									
Grit / Grain / Körnung / Grano									
220		300		400		600		800	
								1000	
								1200	
								1500	
								2000	
								3000	
LF1001-M-220	LF1001-M-300	LF1001-M-400	LF1001-M-600	LF1001-M-800	LF1001-M-1000	LF1001-M-1200	LF1001-M-1500	LF1001-M-2000	LF1001-M-3000



LAM001

Pillar / Piliar
 Stiften / Plana
 Cut / Taille / Hieb / Picado
 00




	0	2	L = mm	A x B = mm	
	LAM001-140-0	LAM001-140-2	140	5.4 x 1.2	12
LAM001-160-00	LAM001-160-0	LAM001-160-2	160	6.0 x 1.3	12
	LAM001-180-0	LAM001-180-2	180	6.6 x 1.4	12

LAM002

Halfround / Mironde
 Halbrund / Media caña
 Cut / Taille / Hieb / Picado
 00




	0	2	L = mm	A x B = mm	
	LAM002-140-0	LAM002-140-2	140	5.0 x 1.7	12
LAM002-160-00	LAM002-160-0	LAM002-160-2	160	5.5 x 1.85	12
	LAM002-180-0	LAM002-180-2	180	5.9 x 2.05	12

LAM005

Knife / Couteau
 Messer / Cuchillo
 Cut / Taille / Hieb / Picado
 0




	0	2	L = mm	A x B = mm	
	LAM005-140-0	LAM005-140-2	140	5.0 x 1.4	12
LAM005-160-0	LAM005-160-0	LAM005-160-2	160	5.4 x 1.5	12

LAM006

Warding / Entrée
 Flachspitz / Plana de punta
 Cut / Taille / Hieb / Picado
 00




	0	2	L = mm	A x B = mm	
	LAM006-140-0	LAM006-140-2	140	5.2 x 1.3	12
LAM006-160-00	LAM006-160-0	LAM006-160-2	160	6.0 x 1.4	12

LAM007

Three-square / Triangulaire
 Dreikant / Triangular
 Cut / Taille / Hieb / Picado
 00




	0	2	L = mm	A = mm	
	LAM007-140-0	LAM007-140-2	140	3.5	12
LAM007-160-00	LAM007-160-0	LAM007-160-2	160	3.9	12

LAM008

Square / Carrée
 Vierkant / Cuadrada
 Cut / Taille / Hieb / Picado
 00



	0	2	L = mm	A = mm	
	LAM008-140-0	LAM008-140-2	140	2.4	12
LAM008-160-00	LAM008-160-0	LAM008-160-2	160	2.6	12



LAM009

Oval / Ovale
 Oval / Oval
 Cut / Taille / Hieb / Picado
 0




	2		L = mm	A x B = mm	
LAM009-140-0	LAM009-140-2		140	3.4 x 2.35	12
LAM009-160-0	LAM009-160-2		160	3.8 x 2.55	12

LAM010

Round / Ronde
 Rund / Redonda
 Cut / Taille / Hieb / Picado
 0




	2	00	L = mm	Ø = mm	
LAM010-140-0	LAM010-140-2		140	2.8	12
LAM010-160-0	LAM010-160-2	LAM010-160-00	160	2.9	12

LAM011

Barrette / Barrette
 Barett / Barrete
 Cut / Taille / Hieb / Picado
 0




	2		L = mm	A x B = mm	
LAM011-140-0	LAM011-140-2		140	5.0 x 2.0	12
LAM011-160-0	LAM011-160-2		160	5.4 x 2.2	12

LAM015

Crochet / Crochet
 Flachspitz runde Kanten / Gancho
 Cut / Taille / Hieb / Picado
 0




	2		L = mm	A x B = mm	
LAM015-140-0	LAM015-140-2		140	4.8 x 1.4	12
LAM015-160-0	LAM015-160-2		160	5.4 x 1.5	12

LAM016


Pillar round edges / Pilier bords ronds
 Flachstumpf, runde Kanten / Plana de bordes redondos
 Cut / Taille / Hieb / Picado
 0

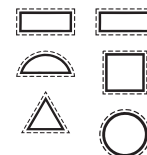


	2		L = mm	A x B = mm	
LAM016-140-0	LAM016-140-2		140	4.8 x 1.4	12
LAM016-160-0	LAM016-160-2		160	5.4 x 1.5	12

LAM020

Set of 6 files in pouch
 Jeu de 6 limes en étui
 Satz zu 6 Feilen in Tasche
 Juego de 6 limas en estuche
 Cut / Taille / Hieb / Picado
 0

L = mm	
140	1
160	1



Composed of / Composé de / Bestehend aus / Compuesto de:
 LAM001 - LAM002 - LAM006 - LAM007 - LAM008 - LAM010



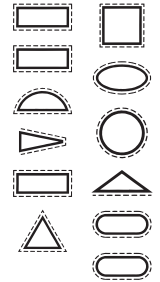
LAM040

Set of 12 files in pouch
 Jeu de 12 limes en étui
 Satz zu 12 Feilen in Tasche
 Juego de 12 limas en estuche

L =	
mm	
160	1

LAM040-160

Composed of / Composé de / Bestehend aus / Compuesto de:
 LAM001-160-0 - LAM001-160-2 - 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



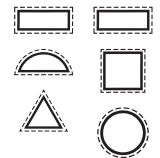
LAM020_ST

Set of 6 files single cut in pouch
 Jeu de 6 limes simple taille en étui
 Satz zu 6 Feilen einfacher Hieb in Tasche
 Juego de 6 limas simple picado en estuche

Cut / Taille / Hieb / Picado
 2-ST

L =	
mm	
140	1

LAM020-140-2ST





LH9602


Halfround for jewellers
Mironde pour bijoutier
Halbrund für Juweliere / Media caña para joyeros

Cut / Taille / Hieb / Picado

0 00

LH9602-0 LH9602-00



L =	A x B =	
mm	mm	
215	12.4 x 3.3	12

LH9607


Three-square for jewellers
Triangulaire pour bijoutier
Dreikant für Juweliere / Triangular para joyeros

Cut / Taille / Hieb / Picado

0 00

LH9607-0 LH9607-00



L =	A =	
mm	mm	
215	8.1	12

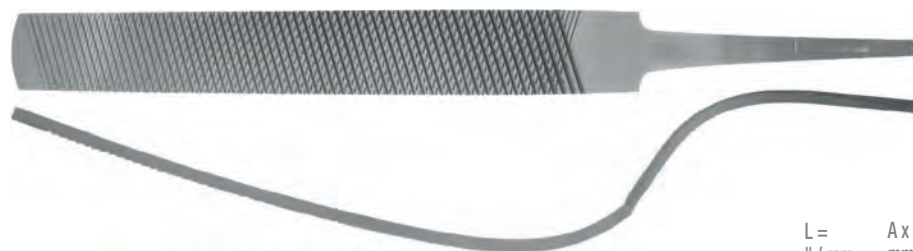
SPECIAL MACHINIST FILES / LIMES D'ATELIER SPÉCIALES
SPEZIAL WERKZEUG-FEILEN / LIMAS DE TALLER ESPECIAL




LQPL218

Incurved hand
Plate incurvée
Gebogene Flachfeile
Plana hueca

LQPL218-8




L =	A x B =	
" / mm	mm	
8 / 200	25.0 x 5.0	6

LQPL230

Incurved hand
Plate incurvée
Gebogene Flachfeile
Plana hueca






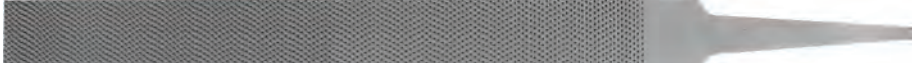




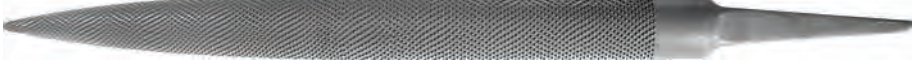














LQPL230



L =	A x B =	
" / mm	mm	
14 / 350	34.0 x 5.5	6

FINES RASPS / RÂPES PIQUÉES FINES FEINE RASPELN / LIMAS PICADO FINO



RA1559														
Halfround slim thin Mironde effilée mince Halbrund schlank dünn / Media caña delgada fina														
Cut / Taille / Hieb / Picado 5	6													
RA1559-10-5	RA1559-10-6													
		<table border="1"> <thead> <tr> <th>L =</th> <th>A x B =</th> <th></th> </tr> <tr> <th>"/mm</th> <th>mm</th> <th></th> </tr> </thead> <tbody> <tr> <td>10 / 250</td> <td>21.8 x 4.3</td> <td>3</td> </tr> </tbody> </table>	L =	A x B =		"/mm	mm		10 / 250	21.8 x 4.3	3			
L =	A x B =													
"/mm	mm													
10 / 250	21.8 x 4.3	3												
RA3512														
Hand / Plate Flachstumpf / Plana														
Cut / Taille / Hieb / Picado 7	6													
RA3512-6-7	RA3512-8-6													
		<table border="1"> <thead> <tr> <th>L =</th> <th>A x B =</th> <th></th> </tr> <tr> <th>"/mm</th> <th>mm</th> <th></th> </tr> </thead> <tbody> <tr> <td>6 / 150</td> <td>15.5 x 3.5</td> <td>3</td> </tr> <tr> <td>8 / 200</td> <td>19.3 x 4.5</td> <td>3</td> </tr> </tbody> </table>	L =	A x B =		"/mm	mm		6 / 150	15.5 x 3.5	3	8 / 200	19.3 x 4.5	3
L =	A x B =													
"/mm	mm													
6 / 150	15.5 x 3.5	3												
8 / 200	19.3 x 4.5	3												
RA3552														
Halfround / Mironde Halbrund / Media caña														
Cut / Taille / Hieb / Picado 6														
RA3552-8-6														
		<table border="1"> <thead> <tr> <th>L =</th> <th>A x B =</th> <th></th> </tr> <tr> <th>"/mm</th> <th>mm</th> <th></th> </tr> </thead> <tbody> <tr> <td>8 / 200</td> <td>20.0 x 5.85</td> <td>3</td> </tr> </tbody> </table>	L =	A x B =		"/mm	mm		8 / 200	20.0 x 5.85	3			
L =	A x B =													
"/mm	mm													
8 / 200	20.0 x 5.85	3												
RA3553														
Halfround slim / Mironde effilée Halbrund schlank / Media caña delgada														
Cut / Taille / Hieb / Picado 6														
RA3553-8-6														
		<table border="1"> <thead> <tr> <th>L =</th> <th>A x B =</th> <th></th> </tr> <tr> <th>"/mm</th> <th>mm</th> <th></th> </tr> </thead> <tbody> <tr> <td>8 / 200</td> <td>15.5 x 5.0</td> <td>3</td> </tr> </tbody> </table>	L =	A x B =		"/mm	mm		8 / 200	15.5 x 5.0	3			
L =	A x B =													
"/mm	mm													
8 / 200	15.5 x 5.0	3												
RA3562														
Round / Ronde Rund / Redonda														
Cut / Taille / Hieb / Picado 6														
RA3562-8-6														
		<table border="1"> <thead> <tr> <th>L =</th> <th>Ø =</th> <th></th> </tr> <tr> <th>"/mm</th> <th>mm</th> <th></th> </tr> </thead> <tbody> <tr> <td>8 / 200</td> <td>7.5</td> <td>3</td> </tr> </tbody> </table>	L =	Ø =		"/mm	mm		8 / 200	7.5	3			
L =	Ø =													
"/mm	mm													
8 / 200	7.5	3												

PRECISION RASPS / RÂPES DE PRÉCISION PRÄZISIONSRASPELN / ESCOFINAS DE PRECISIÓN

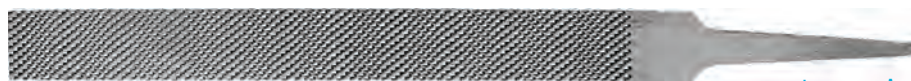


RA1512

Hand / Plate / Flachstumpf / Plana

Cut / Taille / Hieb / Picado

5



RA1512-6-5

RA1512-8-5

L =
"/mm

A x B =
mm



6 / 150 15.0 x 3.5 12

8 / 200 19.0 x 4.5 12

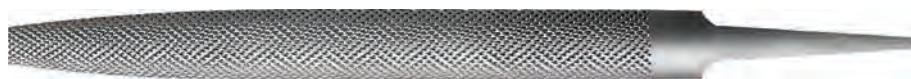
RA1552

Halfround / Mironde

Halbrund / Media caña

Cut / Taille / Hieb / Picado

5



RA1552-6-5

RA1552-8-5

RA1552-10-5

L =
"/mm

A x B =
mm



6 / 150 15.1 x 4.5 12

8 / 200 20.0 x 5.8 12

10 / 250 25.2 x 7.2 12

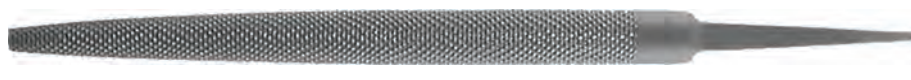
RA1553

Halfround slim / Mironde effilée

Halbrund schlank / Media caña delgada

Cut / Taille / Hieb / Picado

5



RA1553-6-5

L =
"/mm

A x B =
mm



6 / 150 12.0 x 4.6 12

RA1558

Halfround cabinet / Mironde chaisière

Halbrund-Kabinet / Media caña sillero

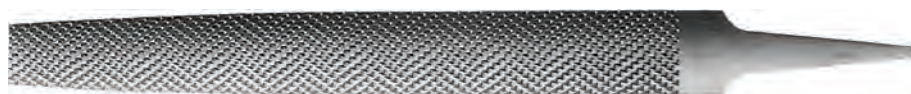
Cut / Taille / Hieb / Picado

2

3

4

5



RA1558-10-2

RA1558-10-3

RA1558-10-4

RA1558-10-5

L =
"/mm

A x B =
mm



10 / 250 29.0 x 5.1 12

RA1558-12-2

RA1558-12-3

RA1558-12-5

12 / 300 33.0 x 5.7 6

RA1562

Round / Ronde / Rund / Redonda

Cut / Taille / Hieb / Picado

5



RA1562-6-5

RA1562-8-5

L =
"/mm

Ø =
mm









6 / 150 6.0 12




8 / 200 7.5 12




NEEDLE FILES RASPS / LIMES AIGUILLES RÂPES NADELRASPELN / LIMAS DE AGUJA ESCOFINAS









RA2501		
Hand / Plana Flachstumpf / Plana Cut / Taille / Hieb / Picado 4		
RA2501-140-4	L = 140 mm	A x B = 5.0 x 1.3 mm
		 12


RA2502		
Halfround / Mironde Halbrund / Media caña Cut / Taille / Hieb / Picado 4		
RA2502-140-4	L = 140 mm	A x B = 5.3 x 1.65 mm
		 12

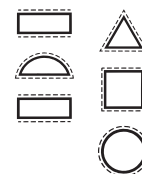
RA2506		
Warding / Entrée Flachspitz / Plana de punta Cut / Taille / Hieb / Picado 4		
RA2506-140-4	L = 140 mm	A x B = 5.4 x 1.2 mm
		 12

RA2507		
Three-square / Triangulaire Dreikant / Triangular Cut / Taille / Hieb / Picado 4		
RA2507-140-4	L = 140 mm	A = 3.5 mm
		 12

RA2508		
Square / Carrée Vierkant / Cuadrada Cut / Taille / Hieb / Picado 4		
RA2508-140-4	L = 140 mm	A = 2.6 mm
		 12



RA2510		
Round / Ronde Rund / Redonda Cut / Taille / Hieb / Picado 4		
RA2510-140-4	L = 140 mm	Ø = 2.9 mm
		 12



RA2530		
Set of 6 rasps in pouch Jeu de 6 râpes en étui Satz zu 6 Raspeln in Tasche Juego de 6 escofinas en estuche Cut / Taille / Hieb / Picado 4		
RA2530-140-4	L = 140 mm	 1







Composed of / Composé de / Bestehend aus / Compuesto de:
RA2501 - RA2502 - RA2506 - RA2507 - RA2508 - RA2510





RA2701		
Hand / Platte Flachstumpf / Plana Cut / Taille / Hieb / Picado 3		
RA2701-3	L = mm 205	A x B = mm 10.0 x 3.1 12

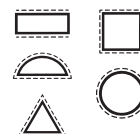
RA2702		
Halfround / Mironde Halbrund / Media caña Cut / Taille / Hieb / Picado 3		
RA2702-3	L = mm 205	A x B = mm 12.2 x 3.6 12

RA2707		
Three-square / Triangulaire Dreikant / Triangular Cut / Taille / Hieb / Picado 3		
RA2707-3	L = mm 205	A = mm 10.3 12

RA2708		
Square / Carrée Vierkant / Cuadrada Cut / Taille / Hieb / Picado 3		
RA2708-3	L = mm 205	A = mm 7.0 12

RA2710		
Round / Ronde Rund / Redonda Cut / Taille / Hieb / Picado 3		
RA2710-3	L = mm 205	Ø = mm 6.5 12

RA2730		
Set of 5 rasps in pouch Jeu de 5 râpes en étui Satz zu 5 Raspeln in Tasche Juego de 5 escofinas en estuche Cut / Taille / Hieb / Picado 3		
RA2730-3	L = mm 205	1



Composed of / Composé de / Bestehend aus / Compuesto de:
RA2701 - RA2702 - RA2707 - RA2708 - RA2710



ECB010

Kit School Classic
Kit School Classic
Kit School Classic
Kit School Classic



ECB010

1

Composed of / Composé de / Bestehend aus / Compuesto de:
LP1132-6-0 - LP1163-6-0 - LP1163-6-2 - LA2402-140-2 - LA2407-140-2 - LA2408-140-2 -
LA2410-140-2 - LA2411-140-2 - LH2602-1 - L00403-0-HSS - SBM-2/0 (1 gross / grosse / Gros /
gruessa) - ASB410 - 2 x AL410-BLEU - AL4101



ECB020

Kit School Premium
Kit School Premium
Kit School Premium
Kit School Premium



ECB020

1

Composed of / Composé de / Bestehend aus / Compuesto de:
LP1060-6-0 - LP1060-6-3 - LP1133-6-2 - LP1163-6-2 - LP1163-8-0 - LP1540-8 - LP1566-6-0 -
LP1960-6-2 - LA2402-160-2 - LA2403-160-2 - LA2407-160-2 - LA2408-160-2 -
LA2410-160-2 - LA2411-160-2 - LAC2411-140-G10 - L00401-8-HSS - L00402-6-HSS -
L00403-0-HSS - SBM-2/0 (1 gross / grosse / Gros / gruessa) - SBM-4/0 (1 gross / grosse / Gros /
gruessa) - ASB410 - 2 x AL410-BLEU - AL500 - AL600 - AL4101



HSS GRAVERS / ECHOPPES HSS HSS-GRAVIERSTICHEL / BURILES PARA GRABAR HSS



L00401HSS

Flat edge / Bord plat
Flach / Borde plano



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



L00402HSS

Round edge / Bord rond
Boll / Borde redondo



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



L00403HSS

Onglette / Onglette
Spitzstichel / De punta



	L = mm	A = mm	5
L00403-5/0-HSS	65	1.2	5
L00403-4/0-HSS	65	1.2	5
L00403-3/0-HSS	65	1.4	5
L00403-2/0-HSS	65	1.5	5
L00403-0-HSS	65	1.6	5
L00403-1-HSS	65	1.8	5
L00403-2-HSS	65	1.9	5
L00403-3-HSS	65	2.2	5
L00403-4-HSS	65	2.5	5
L00403-5-HSS	65	2.7	5
L00403-6-HSS	65	2.9	5
L00403-8-HSS	65	3.4	5



L00406HSS

Knife / Tranchante
Messerstichel / De cuchillo



	L = mm	A = mm	5
L00406-18-HSS	65	1.8	5
L00406-20-HSS	65	2.0	5
L00406-22-HSS	65	2.2	5
L00406-24-HSS	65	2.4	5
L00406-26-HSS	65	2.6	5



WS GRAVERS / ECHOPPES WS WS-GRAVIERSTICHEL / BURILES PARA GRABAR WS



L00401WS

Flat edge / Bord plat
Flach / Borde plano



L = mm	A = mm	
80	0.2	5
80	0.4	5
80	0.6	5
80	0.8	5
80	1.0	5
80	1.2	5
80	1.4	5
80	1.6	5



L00402WS

Round edge / Bord rond
Boll / Borde redondo



L = mm	A = mm	
80	0.2	5
80	0.4	5
80	0.6	5
80	0.8	5
80	1.0	5
80	1.2	5



L00403WS

Onglette / Onglette
Spitz / De punta



L = mm	A = mm	
80	1.5	5
80	1.6	5
80	1.8	5
80	1.9	5
80	2.2	5
80	2.5	5



L00404WS

Oval / Ovale
Oval / Oval



L = mm	A = mm	
80	2.1	5



L00405WS

Bevel / A biseau
Facetten / Chaflán



L = mm	A = mm	
80	1.2	5



WS GRAVERS / ECHOPPES WS WS-GRAVIERSTICHEL / BURILES PARA GRABAR WS



L00406WS

Knife / Tranchante
Messer / De cuchillo



	L = mm	A = mm	
L00406-18-WS	80	1.8	5
L00406-20-WS	80	2.0	5
L00406-22-WS	80	2.2	5
L00406-26-WS	80	2.6	5
L00406-30-WS	80	3.0	5

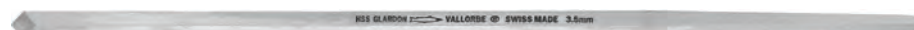
L = mm	A = mm	
80	1.8	5
80	2.0	5
80	2.2	5
80	2.6	5
80	3.0	5

HSS NON CUTTING TOOLS / OUTILS SANS TAILLE HSS HSS-WERKZEUGE OHNE HIEB / HERRAMIENTAS NO CORTANTES HSS



L00501HSS

Square watchmakers' gravers / Burins carrés
Vierkant Uhrmacherstichel / Buriles cuadrados



	L = mm	A = mm	
L00501-2,25-HSS	110	2.3	12
L00501-2,5-HSS	110	2.5	12
L00501-2,75-HSS	110	2.8	12
L00501-3-HSS	110	3.0	12
L00501-3,5-HSS	110	3.5	12
L00501-4-HSS	110	4.0	12

L = mm	A = mm	
110	2.3	12
110	2.5	12
110	2.8	12
110	3.0	12
110	3.5	12
110	4.0	12

L0809

HSS three-square double hollow scraper
Grattoir triangulaire double évidé HSS
HSS Dreikant Doppelhohlschaber / Rasqueta triangulares hueca doble HSS



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

L = mm	A = mm	
90	7.4	12

WS NON CUTTING TOOLS / OUTILS SANS TAILLE WS WS-WERKZEUGE OHNE HIEB / HERRAMIENTAS NO CORTANTES WS



L00501WS

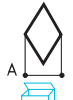
Square watchmakers' gravers / Burins carrés
Vierkant Uhrmacherstichel / Buriles cuadrados para grabadores y relojeros



	L = mm	A = mm	
L00501-1,50-WS	110	1.5	12
L00501-1,75-WS	110	1.8	12
L00501-2-WS	110	2.0	12
L00501-2,25-WS	110	2.3	12
L00501-2,5-WS	110	2.5	12
L00501-2,75-WS	110	2.8	12
L00501-3-WS	110	3.0	12
L00501-3,25-WS	110	3.3	12

L00502WS

Lozenge watchmakers' gravers / Burins losanges
Raute Uhrmacherstichel / Buriles romboides para grabadores y relojeros



	L = mm	A = mm	
L00502-1,5	110	1.5	12
L00502-1,75	110	1.8	12
L00502-2	110	2.0	12
L00502-2,5	110	2.5	12

L00653

Three-square scrapers
Grattoirs triangulaires
Dreikant Schaber / Rasquetas triangulares



	L = "/ mm	A = mm	
L00653-2	2 / 50	5.0	12
L00653-2,5	2.5 / 63	6.0	12
L00653-3	3 / 75	7.0	12
L00653-4	4 / 100	9.0	12

L00655

Incurved scrapers / Grattoirs incurvés
Hohl-Schaber / Rasquetas huecas



	L = "/ mm	A = mm	
L00655-3	3 / 75	6.0	12
L00655-4	4 / 100	9.0	12

L00788

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



	L = "/ mm	A = mm	
L00788-3	3 / 75	6.5 x 3.5	12
L00788-4	4 / 100	84.2	12

L0651













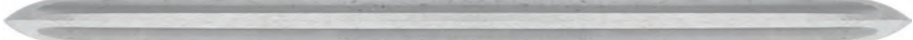





WS-plotting tip / Pointe à tracer WS
WS-Plottspitze / Punta de trazado



	L = mm	Ø = mm	
L0651	180	4.8	12

WS NON CUTTING TOOLS / OUTILS SANS TAILLE WS
 WS-WERKZEUGE OHNE HIEB / HERRAMIENTAS NO CORTANTES WS



L0653			
WS-plotting tip + oval burnisher / Pointe à tracer + brunissoir oval WS WS-Plottspitze + Polierstahl oval / Punta de trazado + bruñidor oval WS			
L0653	L = mm	Ø/ Ax B = mm	
	180	4.8 / 6.6x3.4	12
L0656			
WS-engraving tip / Pointe à graver WS WS-Gravierspitze / Punta de grabado WS			
L0656	L = mm	Ø = mm	
	140	7.0	12
L0657			
WS-three-square scraper + oval burnisher Grattoir triangulaire + brunissoir oval WS WS-Dreikant Doppelhohlschaber + Polierstahl oval / Rasqueta triangular + bruñidor oval WS			
L0657	L = mm	A = mm	
	190	7.4 / 7.8x4.1	12
L0901			
Three-square scrapers with round handle / Grattoir triangulaire manche rond Dreikant Schaber mit rundem Griff / Rasqueta triangulare con mango redondo			
L0901	L = mm	A = mm	
	160	4.3	12
L0903			
Double hollow scraper Grattoir double évidé Doppelhohlschaber / Rasqueta hueca doble			
L0903	L = mm	A = mm	
	80	4.9	12
L0911			
Double hollow scraper Grattoir double évidé Doppelhohlschaber / Rasqueta hueca doble			
L0911	L = mm	A = mm	
	83	4.7	12

HSS GRAVERS FOR MACHINES / ECHOPPES HSS POUR MACHINES HSS GRAVIERSTICHEL FÜR MASCHINEN / BURILES HSS PARA MÁQUINAS



LOM0401

Flat edge / Bord plat
Flach / Borde plano



L =
mm A =
mm



LOM0401-2-HSS	55	0.2	5
LOM0401-4-HSS	55	0.4	5
LOM0401-6-HSS	55	0.6	5
LOM0401-8-HSS	55	0.8	5
LOM0401-10-HSS	55	1.0	5
LOM0401-12-HSS	55	1.2	5
LOM0401-14-HSS	55	1.4	5

LOM0402

Round edge / Bord rond
Boll / Borde redondo



L =
mm A =
mm



LOM0402-2-HSS	55	0.2	5
LOM0402-4-HSS	55	0.4	5
LOM0402-6-HSS	55	0.6	5
LOM0402-8-HSS	55	0.8	5
LOM0402-10-HSS	55	1.0	5

LOM0403

Onglette / Onglette
Spitz / De punta



L =
mm A =
mm



LOM0403-5/0-HSS	55	1.2	5
LOM0403-4/0-HSS	55	1.2	5
LOM0403-3/0-HSS	55	1.4	5
LOM0403-2/0-HSS	55	1.5	5
LOM0403-0-HSS	55	1.6	5
LOM0403-1-HSS	55	1.8	5
LOM0403-2-HSS	55	1.9	5
LOM0403-3-HSS	55	2.2	5
LOM0403-4-HSS	55	2.5	5

LOM0406

Knife / Tranchante
Messer / De cuchillo



L =
mm A =
mm



LOM0406-18-HSS	55	1.8	5
LOM0406-20-HSS	55	2.0	5
LOM0406-22-HSS	55	2.2	5



LOM1401

Flat edge / Bord plat
Flach / Borde plano




	L = mm	A = mm	A 
LOM1401-2-C	45	0.2	5
LOM1401-4-C	45	0.4	5
LOM1401-6-C	45	0.6	5
LOM1401-8-C	45	0.8	5
LOM1401-10-C	45	1.0	5
LOM1401-12-C	45	1.2	5
LOM1401-14-C	45	1.4	5

LOM1402

Round edge / Bord rond
Boll / Borde redondo




	L = mm	A = mm	A 
LOM1402-2-C	45	0.2	5
LOM1402-4-C	45	0.4	5
LOM1402-6-C	45	0.6	5
LOM1402-8-C	45	0.8	5
LOM1402-10-C	45	1.0	5

LOM1403

Onglette / Onglette
Spitzstichel / De punta




	L = mm	A = mm	A 
LOM1403-0-C	45	1.4	5
LOM1403-1-C	45	1.6	5
LOM1403-2-C	45	1.7	5
LOM1403-3-C	45	1.8	5
LOM1403-4-C	45	2.0	5

LOM1406

Knife / Tranchante
Messerstichel / De cuchillo




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



BGLA30

Glardon conical beading tools / Perloirs côneiques Glardon
Glardon konische Korneisen / Perleros cónicos Glardon



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

BGLA50

Glardon spherical beading tools / Perloirs sphériques Glardon
Glardon sphärische Korneisen / Perleros esféricos Glardon



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

BEADING TOOLS / PERLOIRS KORNEISEN / PERLEROS



BGLA51

Set of 12 spherical beading tools with handle on a wood stand
Set de 12 perloirs sphériques avec manche sur un socle en bois
Satz zu 12 sphärischen Korneisen mit Griff auf einem Holzsockel
Juego de 12 perleros esféricos con mango en soporte de madera

Beading numbers / Numéros des perloirs
Korneise Nummern / Numeros perleros



BGLA51-60 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16 1

BGLA52

Refill set of 12 spherical beading tools
Recharge de 12 perloirs sphériques
Nachfüllpack von 12 sphärischen Korneisen eingestellt
Recarga juego de 12 perleros esféricos

Beading numbers / Numéros des perloirs
Korneise Nummern / Numeros perleros



BGLA52-60 2, 4, 5, 6, 7, 8, 9, 10, 11, 12, 14, 16 1

BGLA55

Set of 23 spherical beading tools with handle on a wood stand
Set de 23 perloirs sphériques avec manche sur un socle en bois
Satz zu 23 sphärischen Korneisen mit Griff auf einem Holzsockel
Juego de 23 perleros esféricos con mango en soporte de madera

Beading numbers / Numéros des perloirs
Korneise Nummern / Numeros perleros



BGLA55-60 0 → 22 1

BGLA56

Refill set of 23 spherical beading tools
Recharge de 23 perloirs sphériques
Nachfüllpack von 23 sphärischen Korneisen eingestellt
Recarga juego de 23 perleros esféricos

Beading numbers / Numéros des perloirs
Korneise Nummern / Numeros perleros



BGLA56-60 0 → 22 1




SAW BLADES / SCIES POUR BIJOUTIERS SÄGEBLÄTTER FÜR GOLDSCHMIEDE / SIERRAS PARA JOYEROS



SBM

Jewellers' saw blades / Scies pour bijoutiers
Sägeblätter für Goldschmiede / Sierras para joyeros

	A x B = mm	
SBM-8/0	0.3 x 0.16	1440
SBM-7/0	0.3 x 0.17	1440
SBM-6/0	0.4 x 0.18	1440
SBM-5/0	0.4 x 0.2	1440
SBM-4/0	0.4 x 0.22	1440
SBM-3/0	0.5 x 0.24	1440
SBM-2/0	0.5 x 0.26	1440
SBM-0	0.6 x 0.28	1440
SBM-1	0.6 x 0.3	1440
SBM-2	0.7 x 0.34	1440
SBM-3	0.8 x 0.36	1440
SBM-4	0.8 x 0.38	1440
SBM-5	0.9 x 0.4	1440
SBM-6	1.0 x 0.44	1440
SBM-8	1.2 x 0.52	1440




FRAMES FOR SAW BLADES / MONTURES POUR SCIES BIJOUTIERS SÄGEBOGEN FÜR SÄGEBLÄTTER / ARCOS PARA SIERRAS DE JOYEROS



ASB

Frame for saw blade
Monture scies bijoutiers
Sägebogen für Sägeblätter
Arco para sierras de joyeros

		L = mm	
ASB310	Fixed / Fixe / Fix-Modell / Fixjo	75	1
ASB410	Adjustable / Ajustable / Verstellbar / Ajustable	75	1
ASB510	Adjustable / Ajustable / Verstellbar / Ajustable	105	1



JEWELLER'S SNIP / CISAILLE POUR BIJOUTIER GOLDSCHMIEDESCHERE / CIZALLA PARA JOYEROS



CB3000

Jewellers' snip / Cisaille pour bijoutiers
Goldschmiedeschere / Cizalla para joyero

CB3000-200-M1



1



Cut / Coupe
Schneiden / Cortes

Material / Matériel / Material / Material




Zinc / Zinc / Zink / Cnc (<80 HV)	-	1.3 mm
Brass / Laiton / Messing / Latón (120 HV, 40 kg/mm²)	2.0 mm	1.0 mm
Steel / Acier / Stahl / Acero (35 HV, 112 kg/mm², 35 HRC)	0.8 mm	0.5 mm





CROCODILE


Plastic file handle
Manche plastique
Kunststoffgriff
Mango de plástico

	L = mm	
AL110-BLEU	94	12
AL210-BLEU	94	12
AL310-BLEU	94	12
AL410-BLEU	105	12
AL450-BLEU	105	12
AL510-BLEU	105	12
AL550-BLEU	105	12
AL610-BLEU	121	12
AL710-BLEU	130	12



CASTOR


Wood handle
Manche bois
Holzgriff
Mango de madera

	L = mm	
AL200	80	12
AL400	100	12
AL500	115	12
AL600	125	12



AGILA_Q

Plastic handle
Manche plastique
Kunststoffgriff
Mango de plástico

	L = mm	
ALQ301-1	112	12
ALQ301-2	112	12
ALQ301-3	125	12
ALQ302-1	112	12
ALQ302-2	112	12
ALQ302-3	125	12



CONDOR

Precision needle file handle
Manche de précision pour limes aiguilles
Nadelfeilengriff mit Spannzange
Mango de precisión para limas agujas

	L = mm	
AL160	95	12
AL260	95	12



COLIBRI

Precision needle files handle
Manche de précision pour limes aiguilles
Schraubkopfgreif für Nadelfeilen
Mango de precisión para limas agujas

	L = mm	
AL170	86	12





AL400_

Handle for engravers' gravers
Manche pour échoppes
Gravierstichelgriff
Mango para buriles

AL4001		12
AL4002		12
AL4002-P		12
AL4006		12



AL410_

Adjustable handle for gravers
Manche réglable pour échoppes
Verstellbarer Gravierstichelgriff
Mango ajustable para buriles

	L = mm	
AL4101	67	12
AL4102	92	12



AL5001-P

Handle for beading tools
Manche pour perloirs
Korneisengriff
Mango para perleros

AL5001-P		12
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ALF

Handle for ceramic fiber files
Manche pour limes fibres céramique
Griff für Keramikfasern Feilen
Mango para limas de fibras cerámicas

ALF105		1
ALF109		1
ALF202		1
ALF203		1
ALF301		1
ALF302		1
ALF304		1



AL5990

Brush for files
Brosse à lime
Feilenbürste
Carda para limas

AL5990		1
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