



SHARPENING FILES
SÄGEFEILEN
LIMAS PARA AFIAR

116 - Regular - Normal - Regular

Regular three square file, tapered towards the tip. Single cut on all sides. All edges cut.

Einhiebig mit behauenen Kanten zum Schärfen von Sägen.

Lima triangular tipo regular para afiar serras. Picado simples em todas as faces. Todos os cantos picados.

Length & Cross Sections								
Length	100 mm	125 mm	150 mm	175 mm	200 mm	225 mm	250 mm	300 mm
Cross section	9,0	10,8	12,3	13,8	14,8	17,5	18,5	21,0
Normal Packaging								
CardBoard Box	12 files	12 files	12 files	12 files	12 files	12 files	12 files	12 files
Dz / Kg	0,36	0,64	0,95	1,32	1,75	3,00	3,36	5,64
Ordering Codes								
Cut 1 - Bastard	-	-	-	-	-	-	-	-
Cut 2 - Second	1162100	1162125	1162150	1162175	1162200	1162225	1162250	1162300
Cut 3 - Smooth	-	-	-	-	-	-	-	-
Matching Acessories								
Card Sleeve	0937100	0937150	0937150	0937200	0937200	0937250	0937250	0937300
Plastic Pouch	0927100	0927150	0927150	0927200	0927200	0927250	0927250	0927300
Rubber Handle	0970983	0970983	0970983	0970984	0970984	0970988	0970988	0970989
Wooden Handle	0967080	0967080	0967100	0967120	0967120	0967140	0967140	0967140

117 - Slim - Schlank - Fino

Slim three square file, tapered towards the tip. Single cut on all sides. All edges cut.

Einhiebig mit behauenen Kanten zum Schärfen von Sägen.

Lima triangular tipo fino para afiar serras. Picado simples em todas as faces. Todos os cantos picados.

Length & Cross Sections								
Length	100 mm	125 mm	150 mm	175 mm	200 mm	225 mm	250 mm	300 mm
Cross section	5,0	7,0	9,0	9,8	12,3	13,0	13,5	18,0
Normal Packaging								
CardBoard Box	12 files	12 files	12 files	12 files	12 files	12 files	12 files	12 files
Dz / Kg	0,11	0,27	0,53	0,70	1,20	1,71	1,85	4,20
Ordering Codes								
Cut 1 - Bastard	-	-	-	-	-	-	-	-
Cut 2 - Second	1172100	1172125	1172150	1172175	1172200	1172225	1172250	1172300
Cut 3 - Smooth	-	-	-	-	-	-	-	-
Matching Acessories								
Card Sleeve	0937100	0937150	0937150	0937200	0937200	0937250	0937250	0937300
Plastic Pouch	0927100	0927150	0927150	0927200	0927200	0927250	0927250	0927300
Rubber Handle	0970981	0970983	0970983	0970984	0970984	0970988	0970988	0970988
Wooden Handle	0967080	0967080	0967100	0967120	0967120	0967140	0967140	0967140

118 - Extra Slim - Extraschlank - Extra Fino



Extra Slim three square file, tapered towards the tip. Single cut on all sides. All edges cut.

Einhiebig mit behauenen Kanten zum Schärfen von Sägen.

Lima triangular tipo extra fino para afiar serras. Picado simples em todas as faces. Todos os cantos picados.

Length & Cross Sections								
Length	100 mm	125 mm	150 mm	175 mm	200 mm	225 mm	250 mm	300 mm
Cross section	4,5	6,0	7,0	9,0	9,8	11,5	12,04	14,0
Normal Packaging								
CardBoard Box	12 files	12 files	12 files	12 files	12 files	12 files	12 files	12 files
Dz / Kg	0,09	0,20	0,32	0,61	0,81	1,34	1,62	2,58
Ordering Codes								
Cut 1 - Bastard	-	-	-	-	-	-	-	-
Cut 2 - Second	1182100	1182125	1182150	1182175	1182200	1182225	1182250	1182300
Cut 3 - Smooth	-	-	-	-	-	-	-	-
Matching Acessories								
Card Sleeve	0937100	0937150	0937150	0937200	0937200	0937250	0937250	0937300
Plastic Pouch	0927100	0927150	0927150	0927200	0927200	0927250	0927250	0927300
Rubber Handle	0970981	0970981	0970983	0970984	0970984	0970988	0970988	0970988
Wooden Handle	0967080	0967080	0967100	0967120	0967120	0967140	0967140	0967140

119 - Double Extra Slim -
DoppelextraSchlank - Extra Extra Fino


Double extra slim three square file, tapered towards the tip. Single cut on all sides. All edges cut.

Einhiebig mit behauenen Kanten zum Schärfen von Sägen.

Lima triangular tipo extra extra fino para serras. Picado simples em todas as faces. Todos os cantos picados.

Length & Cross Sections								
Length	100 mm	125 mm	150 mm	175 mm	200 mm	250 mm	300 mm	350 mm
Cross section	4,0	5,0	6,0	7,0	8,0	-	-	-
Normal Packaging								
CardBoard Box	12 files	12 files	12 files	12 files	12 files	-	-	-
Dz / Kg	0,08	0,14	0,24	0,38	0,57	-	-	-
Ordering Codes								
Cut 1 - Bastard	-	-	-	-	-	-	-	-
Cut 2 - Second	1192100	1192125	1192150	1192175	1192200	-	-	-
Cut 3 - Smooth	-	-	-	-	-	-	-	-
Matching Acessories								
Card Sleeve	0937100	0937150	0937150	0937200	0937200	-	-	-
Plastic Pouch	0927100	0927150	0927150	0927200	0927200	-	-	-
Rubber Handle	0970981	0970981	0970983	0970984	0970984	-	-	-
Wooden Handle	0967080	0967080	0967100	0967120	0967120	-	-	-

**100 / 101 / 102 - Millsaw - Mühlsäge
- Paralelas para Serras**


Hand file for sharpening saws with single cut on all sides and edges. Available with 1 or 2 round edges.

Zum Schärfen von Kreis - und Bandsägeblättern, scharfkantig, 1 runde Kante,

Lima paralela para serras com picado simples nas 2 faces e cantos. Disponível com 1 ou 2 cantos redondos.

Length & Cross Sections								
Length	100 mm	125 mm	150 mm	175 mm	200 mm	225 mm	250mm	300 mm
Cross section	-	-	15,0 x 2,5	17,0 x 3,0	20,0 x 3,5	-	24,0x4,0	29,0 x 5,0
Normal Packaging								
CardBoard Box	-	-	12 files	12 files	12 files	-	12 files	12 files
Dz / Kg	-	-	0,56	0,88	1,38	-	2,25	4,10
Ordering Codes								
Cut 1 - Bastard	-	-	1002150	1002175	1002200	-	1002250	1002300
Cut 2 - Second	-	-	1012150	1012175	1012200	-	1012250	1012300
Cut 3 - Smooth	-	-	1022150	1022175	1022200	-	1022250	1022300
Matching Acessories								
Card Sleeve	-	-	0937150	-	0937200	-	0937250	0937300
Plastic Pouch	-	-	0927150	-	0927200	-	0927250	0927300
Rubber Handle	-	-	0970983	-	0970988	-	0970988	0970989
Wooden Handle	-	-	0967100	-	0967120	-	0967140	0967140

**110 / 111 / 112 - Millsaw Tapered -
Brettsägefeile - Chatas para Serras**


Flat file for sharpening saws with single cut on all sides and edges. Available with 1 or 2 round edges.

Zum Schärfen von Kreis - und Bandsägeblättern, scharfkantig, 1 runde Kante oder mit 2 runde Kanten.

Lima chata para serras com picado simples nas 2 faces e cantos. Disponível com 1 ou 2 cantos redondos.

Length & Cross Sections								
Length	100 mm	125 mm	150 mm	175 mm	200 mm	225 mm	250mm	300 mm
Cross section	12,0 X 2,0	-	15,0 x 2,5	17,0 x 3,0	20,0 x 3,5	22,0 x 3,8	24,0 x 4,0	29,0 x 5,0
Normal Packaging								
CardBoard Box	12 files	-	12 files	12 files	12 files	12 files	12 files	12 files
Dz / Kg	0,24	-	0,56	0,88	1,38	1,86	2,25	4,10
Ordering Codes								
Cut 1 - Bastard	1102100	-	1102150	1102175	1102200	1102225	1102250	1102300
Cut 2 - Second	1111100	-	1112150	1112175	1112200	1112225	1112250	1112300
Cut 3 - Smooth	1122100	-	1122150	1122175	1122200	1122225	1122250	1122300
Matching Acessories								
Card Sleeve	0937100	-	0937150	-	0937200	-	0937250	0937300
Plastic Pouch	0927100	-	0927150	-	0927200	-	0927250	0927300
Rubber Handle	0970981	-	0970983	-	0970988	-	0970988	0970989
Wooden Handle	0967080	-	0967100	-	0967120	-	0967140	0967140

135 / 136 - Bandsaw - Bandsäge -
Triangular para Serras de Fita



Tapered tiangular file for sharpening bandsaws. Single cut on all sides and edges. With round edges

Für Bandsägeblätter mit runden Kanten

Lima triangular para serras com picado simples nas faces e cantos. Cantos redondos.

Length & Cross Sections								
Length	100 mm	125mm	150 mm	175 mm	200 mm	225 mm	250mm	300 mm
Cross section	-	11,5	13,5	14,5	15,5	-	-	-
Normal Packaging								
CardBoard Box	-	12 files	12 files	12 files	12 files	-	-	-
Dz / Kg	-	0,84	1,32	1,56	2,04	-	-	-
Ordering Codes								
Cut 1 - Bastard	-	1352125	1352150	1352175	1352200	-	-	-
Cut 2 - Second	-	1362125	1362150	1362175	1362200	-	-	-
Cut 3 - Smooth	-	-	-	-	-	-	-	-
Matching Acessories								
Card Sleeve	-	-	0937150	0937200	0937200	-	-	-
Plastic Pouch	-	-	0927150	0927200	0927200	-	-	-
Rubber Handle	-	-	0970983	0970988	0970988	-	-	-
Wooden Handle	-	-	0967100	0967120	0967120	-	-	-

120 - Double Ender - Doppelender -
Triangular Dupla



Tiangular file for sharpening saws, tapered at both ends. Single cut on all sides. No tang.

Dreikantfeile zum Schärfen von Sägen, beide Enden gezogen, einhiebig, ohne Angel.

Lima paralela para serras com picado simples nas 2 faces e cantos. Disponível com 1 ou 2 cantos redondos.

Length & Cross Sections								
Length	100 mm	125 mm	150 mm	175 mm	200 mm	225 mm	250mm	300 mm
Cross section	-	-	5,0	6,0	7,1	8,7	-	-
Normal Packaging								
CardBoard Box	-	-	12 files	12 files	12 files	12 files	-	-
Dz / Kg	-	-	0,30	0,40	0,62	0,81	-	-
Ordering Codes								
Cut 1 - Bastard	-	-	-	-	-	-	-	-
Cut 2 - Second	-	-	1202150	1202175	1202200	1202225	-	-
Cut 3 - Smooth	-	-	-	-	-	-	-	-
Matching Acessories								
Card Sleeve	-	-	0937150	0937200	0937200	0937250	-	-
Plastic Pouch	-	-	0927150	0927200	0927200	0927250	-	-
Rubber Handle	-	-	0970983	0970984	0970984	0970984	-	-
Wooden Handle	-	-	-	-	-	-	-	-

161 - Knife Sawfile - Feinsägefeile
 - Lima Faca


Knife shaped file for sharpening saws. Single cut on both sides and on the narrow edge.

Feinsägefeile zum Schärfen von Feinsägen.

Lima faca para serras com picado simples nas duas faces e no canto mais fino.

Length & Cross Sections								
Length	100 mm	113 mm	150 mm	175 mm	200 mm	225 mm	250mm	300 mm
Cross section	-	6,0 x 4,2	-	-	-	-	-	-
Normal Packaging								
CardBoard Box	-	12 files	-	-	-	-	-	-
Dz / Kg	-	0,23	-	-	-	-	-	-
Ordering Codes								
Cut 1 - Bastard	-	-	-	-	-	-	-	-
Cut 2 - Second	-	1612113	-	-	-	-	-	-
Cut 3 - Smooth	-	-	-	-	-	-	-	-
Matching Acessories								
Card Sleeve	-	0937100	-	-	-	-	-	-
Plastic Pouch	-	0927100	-	-	-	-	-	-
Rubber Handle	-	0970981	-	-	-	-	-	-
Wooden Handle	-	0967080	-	-	-	-	-	-

121 - Featheredge - Schwertsägefeilen -
 Lima Espada


File with Feather edge profile. All sides with single cut.

Schwertfeile zum Schärfen von Sägen einhiebig.

Lima espada para serras com picado simples nas 4 faces .

Length & Cross Sections								
Length	100 mm	125 mm	150 mm	175 mm	200 mm	225 mm	250mm	300 mm
Cross section	-	-	15,0	-	17,4	-	-	-
Normal Packaging								
CardBoard Box	-	-	12 files	-	12 files	-	-	-
Dz / Kg	-	-	1,36	-	2,38	-	-	-
Ordering Codes								
Cut 1 - Bastard	-	-	-	-	-	-	-	-
Cut 2 - Second	-	-	1212150	-	1212200	-	-	-
Cut 3 - Smooth	-	-	-	-	-	-	-	-
Matching Acessories								
Card Sleeve	-	-	0937150	-	0937200	-	-	-
Plastic Pouch	-	-	0927150	-	0927200	-	-	-
Rubber Handle	-	-	0970983	-	0970984	-	-	-
Wooden Handle	-	-	0967100	-	0967120	-	-	-

150 - Cantsaw - Kreissägefeilen- Lima
Cantsaw



Triangular file for sharpening bandsaws. Single cut on all sides and edges.

Für Kreissägeblätter und andere Sägen mit Zahnwinkel unter 60°. Alle drei Flächen einhiebig.

Lima triangular para serras com picado simples nas faces e cantos.

Length & Cross Sections							
Length	100 mm	125 mm	150 mm	175 mm	200 mm	225 mm	300 mm
Cross section	-	-	-	-	17,4	-	-
Normal Packaging							
CardBoard Box	-	-	-	-	12 files	-	-
Dz / Kg	-	-	-	-	1,24	-	-
Ordering Codes							
Cut 1 - Bastard	-	-	-	-	-	-	-
Cut 2 - Second	-	-	-	-	1502200	-	-
Cut 3 - Smooth	-	-	-	-	-	-	-
Matching Aecessories							
Card Sleeve	-	-	-	-	0937200	-	-
Plastic Pouch	-	-	-	-	0927200	-	-
Rubber Handle	-	-	-	-	0970984	-	-
Wooden Handle	-	-	-	-	0967120	-	-

160 - Crosscut - Walsägefeilen- Lima
para Traçadores



File for crosscut saws. Knife shaped cross section with rounded back. Single cut.

Walsägefeilen Messerförmige Sägefeilen mit rundem Rücken zum Ausfeilen der Spanräume. Einhiebig.

Lima para traladores. Perfil de faca com a costa arredondada. Picado simples.

Length & Cross Sections								
Length	100 mm	125 mm	150 mm	175 mm	200 mm	225 mm	250mm	300 mm
Cross section	-	-	-	-	4,2	-	4,2	-
Normal Packaging								
CardBoard Box	-	-	-	-	12 files	-	12 files	-
Dz / Kg	-	-	-	-	0,23	-	0,23	-
Ordering Codes								
Cut 1 - Bastard	-	-	-	-	-	-	-	-
Cut 2 - Second	-	-	-	-	1602200	-	1602250	-
Cut 3 - Smooth	-	-	-	-	-	-	-	-
Matching Aecessories								
Card Sleeve	-	-	-	-	0937200	-	0937250	-
Plastic Pouch	-	-	-	-	0927200	-	0927250	-
Rubber Handle	-	-	-	-	0970984	-	0970988	-
Wooden Handle	-	-	-	-	0967120	-	0967140	-

130 / 131 - Machine BandSaw File - Maschine Bandsägefeile - Triangular Paralella



Parallel File, single cut, without tang. Sharp edges. Blunt at both ends. For filing Machines.
Parallel, ohne Angel, mit spitzen Kanten, für maschinelle Arbeit.
Lima paralela com picado simples e sem espigão. Cantos vivos. Para trabalhar com maquinas de limar.

Length & Cross Sections								
Length	100 mm	125 mm	150 mm	175 mm	200 mm	215 mm	215 mm	300 mm
Cross section	-	-	-	-	-	10,0	15	-
Normal Packaging								
CardBoard Box	-	-	-	-	-	12 files	12 files	-
Dz / Kg	-	-	-	-	-	0,89	2,20	-
Ordering Codes								
Cut 1 - Bastard	-	-	-	-	-	-	1302215	-
Cut 2 - Second	-	-	-	-	-	1312215	-	-
Cut 3 - Smooth	-	-	-	-	-	-	-	-
Matching Acessories								
Card Sleeve	-	-	-	-	-	0937250	0937250	-
Plastic Pouch	-	-	-	-	-	0927250	0927250	-
Rubber Handle	-	-	-	-	-	-	-	-
Wooden Handle	-	-	-	-	-	-	-	-



171 / 179 - Round Chain saw Files -
Kettensägefeile - Redondo para Motoserra


File with double cut. For sharpening teeth of chain saws.

Kreuzhiebig. Zum Schärfen von Kettensägen.

Lima redonda para afiar correntes de motoserras. Picado duplo.

Code	171	172	173	175	176	174	177	179
Length	200 mm	200 mm	200 mm	200 mm	200 mm	200 mm	200 mm	200 mm
Cross section	3,5	4,0	4,5	4,8	5,0	5,2	5,5	6,3
	9/64	5/32	11/64	3/16	12,5/64	13,64	7/32	1/4
Normal Packaging								
CardBoard Box	12 files	12 files	12 files	12 files	12 files	12 files	12 files	12 files
Dz / Kg	0,20	0,23	0,30	0,32	0,35	0,39	0,44	0,60
Ordering Codes								
CardBoard Box	1713200	1723200	1733200	1753200	1763200	1743200	1773200	1793200
Card Sleeve 1 file	1713200-T	1723200-T	1733200-T	1753200-T	1763200-T	1743200-T	1773200-T	1793200-T
Card Sleeve 2 Files	1713200-2	1723200-2	1733200-2	1753200-2	1763200-2	1743200-2	1773200-2	1793200-2
Card Sleeve 3 Files	1713200-3	1723200-3	1733200-3	1753200-3	1763200-3	1743200-3	1773200-3	1793200-3
Plastic Pouch 3 Files	-	-	-	-	-	-	1773200-PT	-
Set : 2 R +1F + Handle	1713200-S	1723200-S	1733200-S	1753200-S	1763200-S	1743200-S	1773200-S	1793200-S
Matching Aecessories								
Rubber Handle	0970981	0970981	0970981	0970981	0970981	0970981	0970981	0970981
Special Handle	0987120	0987120	0987120	0987120	0987120	0987120	0987120	0987120

193 - Flat Chain Saw File - Flache
Kettensägefeile - Chata para Motoserras


Parallel file with single cut on both sides. Round edges with no cut.

Feile einhiebig mit runden Kanten ohne Hieb zum Schärfen von Kettensägen.

Lima Paralela com picado simples nas duas faces e com cantos arredondados sem picado.

Length & Cross Sections								
Length	100 mm	125 mm	150 mm	175 mm	200 mm	225 mm	250mm	300 mm
Cross section	-	-	15,0 x 3,0	-	-	-	-	-
Normal Packaging								
CardBoard Box	-	-	12 files	-	-	-	-	-
Dz / Kg	-	-	0,80	-	-	-	-	-
Ordering Codes								
Cut 2 - Second	-	-	1932150	-	-	-	-	-
Matching Aecessories								
Card Sleeve	-	-	0937150	-	-	-	-	-
Plastic Pouch	-	-	0927150	-	-	-	-	-
Rubber Handle	-	-	0970983	-	-	-	-	-
Wooden Handle	-	-	0967100	-	-	-	-	-

**107 - Farmer's Own - Farmerfeile -
Lima para Fazendeiros**


Single cut on both sides, no edge cut and steel handle. For sharpening reaper knives, machetes, etc.

Mit einhiebigen Flachseiten und unbehauenen Schmalseiten sowie ausgestanztem Griff.

Lima para afiar ferramentas agrícolas, catanas, foices etc. Picado simples nas duas faces. Cantos sem picado.

Length & Cross Sections								
Length	100 mm	125 mm	150 mm	175 mm	200 mm	225 mm	250mm	300 mm
Cross section	-	-	-	-	25,0 x 4,5	-	25,0 x 4,5	-
Normal Packaging								
CardBoard Box	-	-	-	-	12 files	-	12 files	-
Dz / Kg	-	-	-	-	2,40	-	3,00	-
Ordering Codes								
Cut 1 - Bastard	-	-	-	-	-	-	-	-
Cut 2 - Second	-	-	-	-	1072200	-	1072250	-
Cut 3 - Smooth	-	-	-	-	-	-	-	-
Matching Aecessories								
Card Sleeve	-	-	-	-	0937250	-	0937300	-
Plastic Pouch	-	-	-	-	0927250	-	0927300	-
Rubber Handle	-	-	-	-	-	-	-	-
Wooden Handle	-	-	-	-	-	-	-	-

**108 - Axe File - Axtfeilen -
Lima para Machados**


Single cut on one side, double cut on the other side. 1 edge cut. For axes and other tools.

Eine Flachseite Kreuzhieb, eine Seite einhiebzig, 1 Kantenhieb. Zum Schärfen von Äxten, Macheten, etc.

Lima com picado simples numa face e picado duplo na outra face. 1 Canto picado. Para afiar Machados.

Length & Cross Sections								
Length	100 mm	125 mm	150 mm	175 mm	200 mm	225 mm	250mm	300 mm
Cross section	-	-	-	-	25,0 x 4,5	-	25,0 x 4,5	-
Normal Packaging								
CardBoard Box	-	-	-	-	12 files	-	12 files	-
Dz / Kg	-	-	-	-	2,40	-	3,00	-
Ordering Codes								
Cut 1 - Bastard	-	-	-	-	-	-	-	-
Cut 2 - Second	-	-	-	-	1082200	-	1082250	-
Cut 3 - Smooth	-	-	-	-	-	-	-	-
Matching Aecessories								
Card Sleeve	-	-	-	-	0937250	-	0937300	-
Plastic Pouch	-	-	-	-	0927250	-	0927300	-
Rubber Handle	-	-	-	-	-	-	-	-
Wooden Handle	-	-	-	-	-	-	-	-