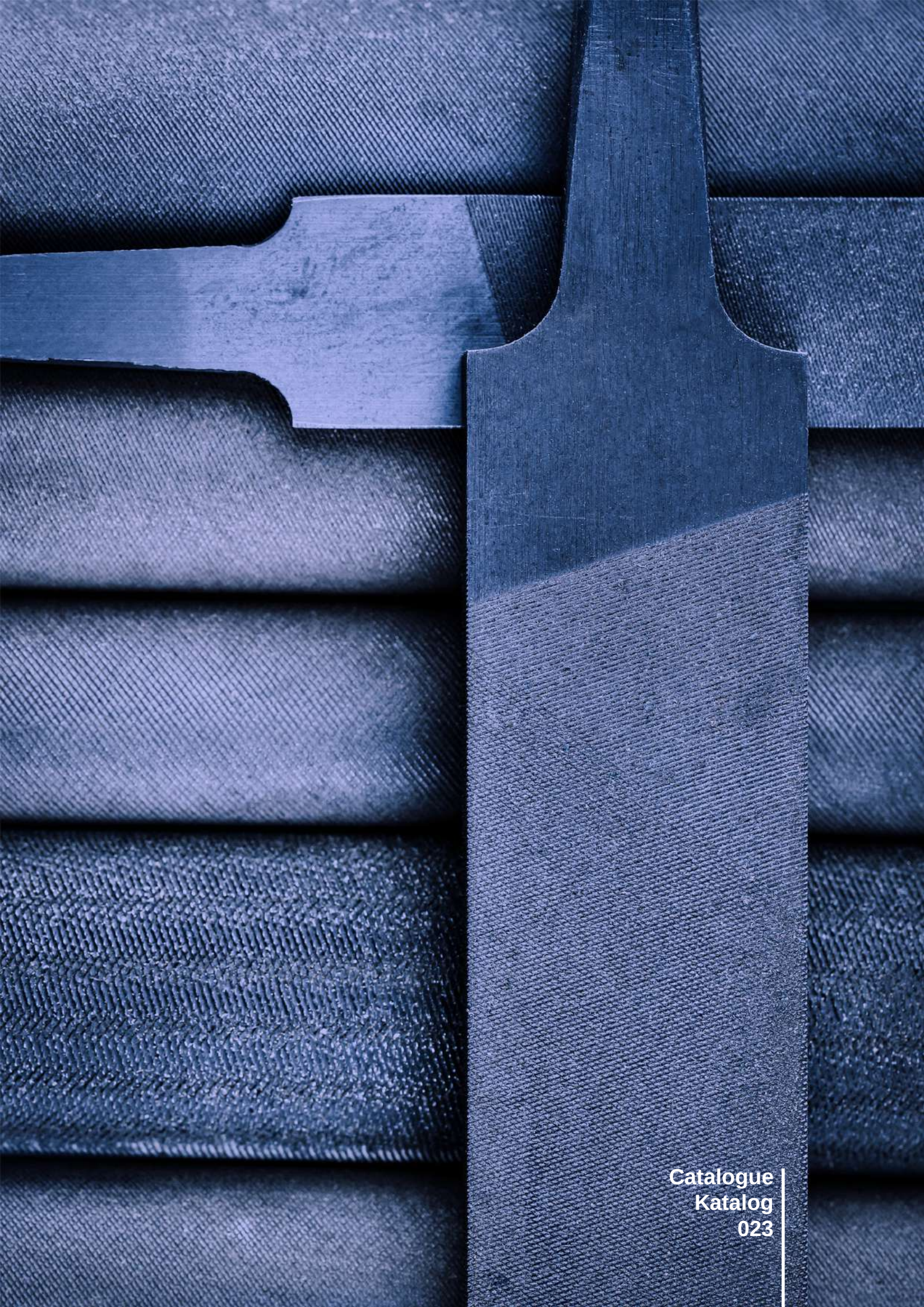
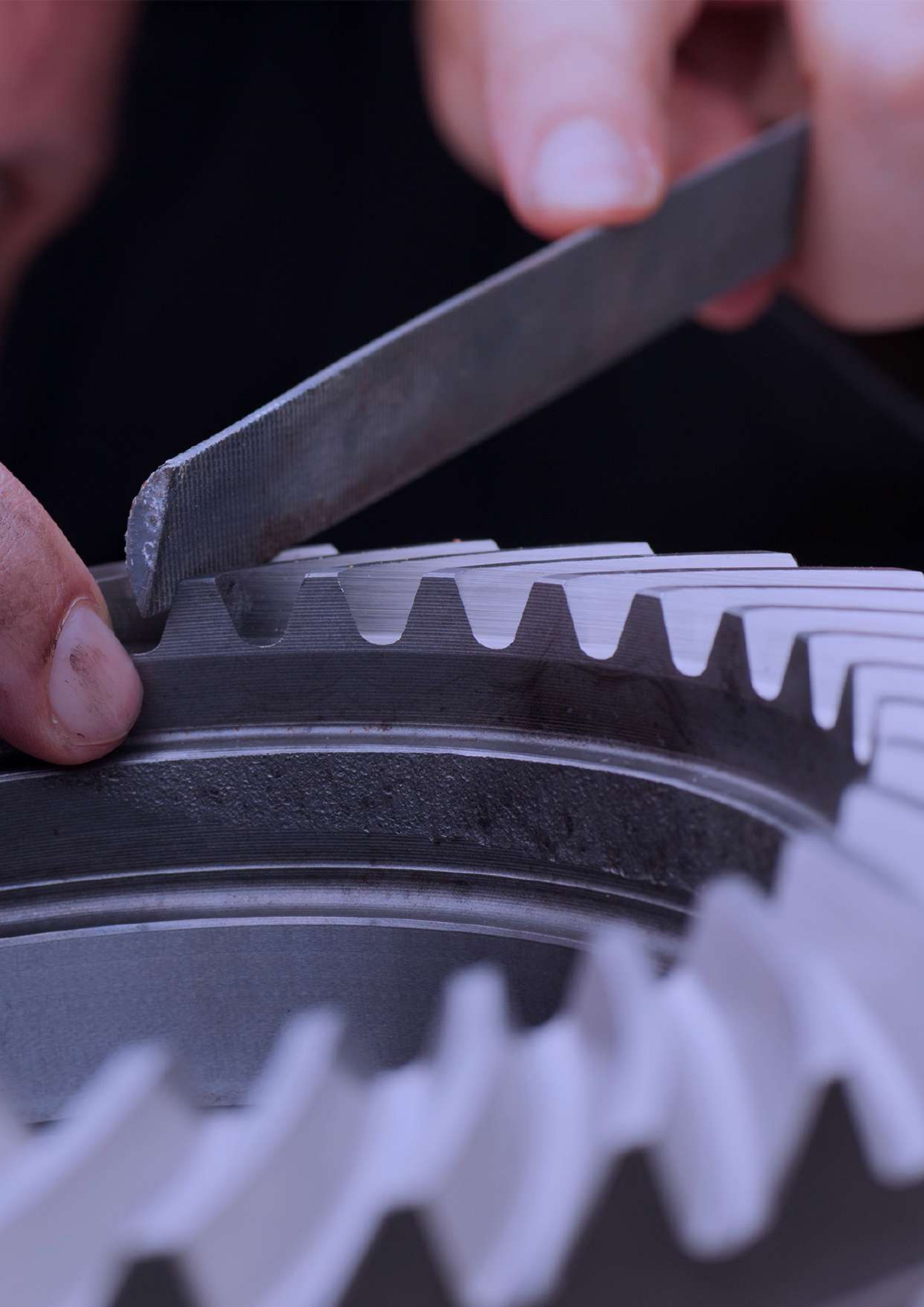


I. BRAUN'S SÖHNE FEILENFABRIK
BLU-DAN
AUSTRIA





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Picture of our Cutting
Department – 1946

Excellency Award 2022



Certifica-se que a empresa

Tomé Feteira II - Indústria de Limas e Equipamentos, S.A.

foi distinguida como PME Excelência 2022, pela qualidade do seu desempenho e perfil de risco.



Jorge Marques dos Santos
Presidente do Conselho Diretivo do IAPMEI



Aerial view of the Company - 2010

BLU-DAN - I. Braun's Söhne

File & Rasp manufacturer Since 1792

Dear Customers,

Historically, the first written reference to our file production, was discovered in the registers of a Church in Konstanz, near to the lake Bodensee. It mentioned the company's founder, and my ancestor, Mr. Isidor Braun, considered a master in file grinding and file teeth cutting.

Our company however, was only officially established in 1792, having moved to upper-Austria later on, in the middle of 1848.

Our Blu-Dan trademark, a tribute to the Blue Danube River that crosses Austria, was officially registered in 1952, and is recognized worldwide as a symbol of quality and performance among professional tools. Accordingly, and after several testes from independent authorities, our trademark was awarded with the «Austrian Trade Mark» quality Seal.

In 2005, the need to expand our production in order to meet our customer's growing demand, took us to purchase the Tomé Fêteira File Company, in Portugal.

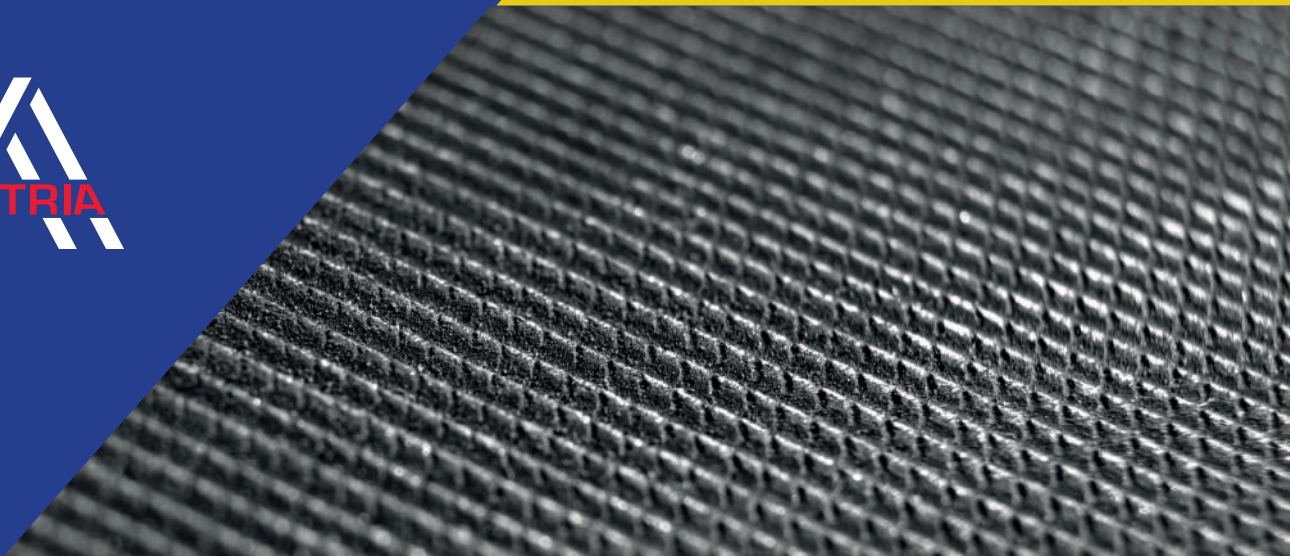
This was also a centennial file company, founded in 1856, with trained workers, superior product quality, and a production plant with 40.000 square meters.

Due to the benefits of an economy of scale, in 2010 all production was already concentrated in Portugal, proportionating savings in costs, gained by an increased level of production. So important because we know you need the best quality at the best price!

The know-how of these 2 companies, the tradition and craftsmanship combined with constant innovation and development, have projected the Blu-dan brand to world top position it has today.

Michael Braun





Machinist's Files / Cross Cut

Cut 1 - Bastard



Cut 2 - Second



Cut 3 - Smooth



Saw Files

Single Cut

Cut 2 - Second



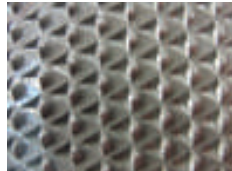
Chip Breaker

Chip Breaker Cut

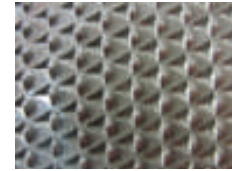


Wood Rasps / Rasp Cut

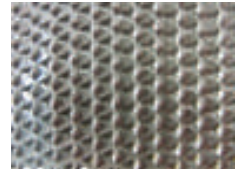
Cut 1 - Bastard



Cut 2 - Second

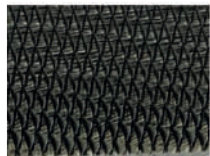


Cut 3 - Smooth

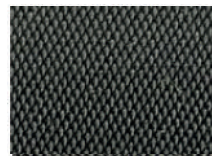


Needle files / Crosscut

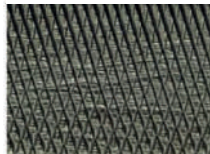
Cut 00 - Extra Coarse



Cut 2 - Medium



Cut 0 - Very Coarse



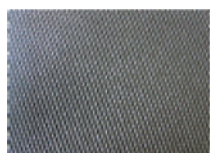
Cut 3 - Smooth



Cut 1 - Coarse



Cut 4 - Dead Smooth



Milled Files / Radial Cut

Bastard 9TPI



Second 13TPI

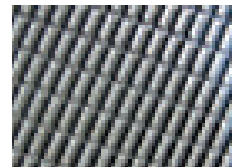


Smooth 18TPI



Milled Files / Straight Cut

Bastard 9TPI



Second 13TPI



Smooth 18TPI



Ordering Instructions

All our files and rasps are made of high quality carbon alloy steel and hardened individually up to 66 HRC in order to assure an excellent grip, even on very hard materials.

The hardness and the special depth and angle of the teeth cuts on our files give them much more resistance to wear even under intensive professional use.

We produce hundreds of different types of files and rasps, varying in shape, size, cross-section and cut. Our file measurements and the density of cuts are according to standard specifications.

The most common cuts for normal files and rasps, considering the coarseness, are Bastard- Cut 1, Second Cut – Cut 2 and Smooth- Cut 3.

Although, when precision files are concerned Cut 00 – Very Coarse and Cut 4 – Dead Smooth, are also much requested. Also, Engineering files present a crosscut also known as double cut, while files used for sharpening only present a single cut.

When ordering, it is important to indicate the name of the file or rasp and the correspondent catalogue number, the length in mm or inches and the coarseness of the file cut.

The dimensions and weights of the products in this catalogue are according to ISO and ÖNORM standards.

Bestellhinweise und technische Informationenn

Alle unsere Feilen und Raspeln sind aus hochwertigem Kohlenstofflegierungsstahl gefertigt und einzeln auf bis zu 66 HRC gehärtet, um auch auf sehr harten Materialien einen hervorragenden Halt zu gewährleisten.

Die Härte, die besondere Tiefe und die Zahnwinkel unserer Feilen verleihen ihnen auch bei intensiver professioneller Nutzung eine wesentlich höhere Verschleißfestigkeit.

Wir produzieren Hunderte verschiedener Arten von Feilen und Raspeln, die sich in Form, Länge, Querschnitt und Hiebvariant unterscheiden. Unsere Feilenabmessungen und die Hiebdichte entsprechen den Standardvorgaben.

Die gebräuchlichsten Hiebe für normale Feilen und Raspeln sind in Anbetracht der Grobheit Bastard - HIEB 1, Halbschlicht - Hieb 2 und Schlicht - Hieb 3.

Wenn es jedoch um Präzisionsfeilen geht, Hieb 00 – sehr Grob und Hieb 4 – doppelschlicht, sind ebenfalls sehr angefragt. Außerdem weisen Präzisionsfeilen einen Kreuzhieb auf, der auch als Doppelhieb bezeichnet wird, während Feilen, die zum Schärfen verwendet werden, nur einhiebig sind.

Bei der Bestellung ist es wichtig, den Namen der Feile oder Raspel, die entsprechende Artikelnummer, die Länge in mm oder Zoll und den Feilenhieb anzugeben.

Die Abmessungen und Gewichte der Produkte in diesem Katalog entsprechen den ISO- und ÖNORM-Standards.





ENGINEER'S FILES

WERKSTATTFEILEN

001 HAND / FLACHSTUMPF

CUT / HIEB 1/2/3



Hand file with double cut on both sides and one edge cut.
Flachfeile mit Doppelhieb und einem Kantenhieb.

Use: For filing of flat, broad surfaces and deburring.
Verwendung: Zum Feilen von planen Flächen, scharfen Ecken und Ansätzen.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
4	100	11.0 * 2.5	0.30	12
5	125	14.0 * 3.5	0.85	12
6	150	15.0 * 3.5	0.85	12
8	200	20.0 * 4.5	1.75	12
10	250	24.0 * 6.0	3.20	12
12	300	29.0 * 6.5	5.10	12
14	350	33.5 * 7.5	7.70	6
16	400	37.5 * 8.5	11.70	6

005 FLAT / FLACHSPITZ

CUT / HIEB 1/2/3



Hand file with double cut on both sides and one edge cut.
Flachspitzfeile mit Doppelhieb und einem Kantenhieb.

Use: The same as hand, but tapered in width at the point
Verwendung: Wie flachstumpfe Feile. Spitz zulaufend. Günstiger an schwer zugänglichen Stellen.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
4	100	11.0 * 2.5	0.28	12
5	125	14.0 * 3.5	0.49	12
6	150	15.0 * 3.5	0.81	12
8	200	20.0 * 4.5	1.66	12
10	250	24.0 * 6.0	3.05	12
12	300	29.0 * 6.5	4.85	12
14	350	33.5 * 7.5	7.20	6
16	400	37.5 * 8.5	11.10	6

040 THREE SQUARE / DREIKANT

CUT / HIEB 1/2/3



Triangular shaped file with double cut on all sides.
Dreikantfeile, spitz zulaufend mit Doppelhieb.

Use: To file angles, coners and grooves.
Verwendung: Zum Feilen von Winckeln, Ecken und Nuten

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
4	100	7.0	0.22	12
5	125	9.0	0.41	12
6	150	1.0	0.61	12
8	200	14.0	1.56	12
10	250	17.0	2.88	12
12	300	20.0	4.68	12
14	350	23.0	7.20	6
16	400	26.0	10.60	6

045 SQUARE / VIERKANT

CUT / HIEB 1/2/3



Square tapered file with double cut on all sides.
Vierkantfeile mit Doppelhieb.

Use: To file slots, grooves and square holes.
Verwendung: Zum Feilen von Nuten, Schlitzten und eckigen Löchern.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
4	100	3.8	0.14	12
5	125	4.8	0.25	12
6	150	5.6	0.42	12
8	200	7.5	0.94	12
10	250	9.5	1.74	12
12	300	11.5	3.00	12
14	350	14.5	5.76	6
16	400	17.5	10.20	6

050 HALF ROUND / HALBRUND

CUT / HIEB 1/2/3



Half round file, tapered, with double cut on both sides.
Halbrundfeile. Kanten und Oberflächen konisch zulaufend mit Doppelhieb.

Use: To file curved workpieces and big holes.
Verwendung: Zum Feilen konkaver Flächen und großer Löcher.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
4	100	10.0 * 3.0	0.22	12
5	125	15.0 * 4.0	0.38	12
6	150	15.0 * 4.0	0.60	12
8	200	20.0 * 5.5	1.50	12
10	250	24.0 * 7.0	2.90	12
12	300	29.0 * 8.2	5.30	12
14	350	34.0 * 9.5	7.70	6
16	400	39.0 * 11.0	10.40	6

060 ROUND / RUND

CUT / HIEB 1/2/3



Round file, with double spiral cut.
Rundfeile Oberfläche konisch zulaufend mit Doppelhieb.

Use: To file holes and round notches.
Verwendung: Zum Feilen von Löchern und runden Einschnitten.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
4	100	4.0	0.12	12
5	125	5.0	0.18	12
6	150	5.5	0.33	12
8	200	7.5	0.78	12
10	250	9.5	1.44	12
12	300	11.5	2.64	12
14	350	14.5	4.80	6
16	400	17.5	8.60	6
18	450	20.0	13.30	6

070 KNIFE / MESSER

CUT / HIEB 1/2/3



Knife shaped file with double cut on both sides. Narrow edge with single cut.
Messerfeile mit Doppelhieb.

Use: For workpieces with sharp angles as dies etc.
Verwendung: Für Werkstücke mit spitzen Winkeln wie Formen etc.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
4	100	11.8 * 2.5	0.22	12
5	125	14.0 * 3.7	0.36	12
6	150	17.0 * 4.5	0.66	12
8	200	21.0 * 5.0	1.25	12
10	250	26.0 * 6.5	2.40	12
12	300	30.0 * 7.0	4.10	12

297 UNIVERSAL HAND / UNIVERSAL FLACH



299 UNIVERSAL FLAT / UNIVERSAL FLACHSPITZ

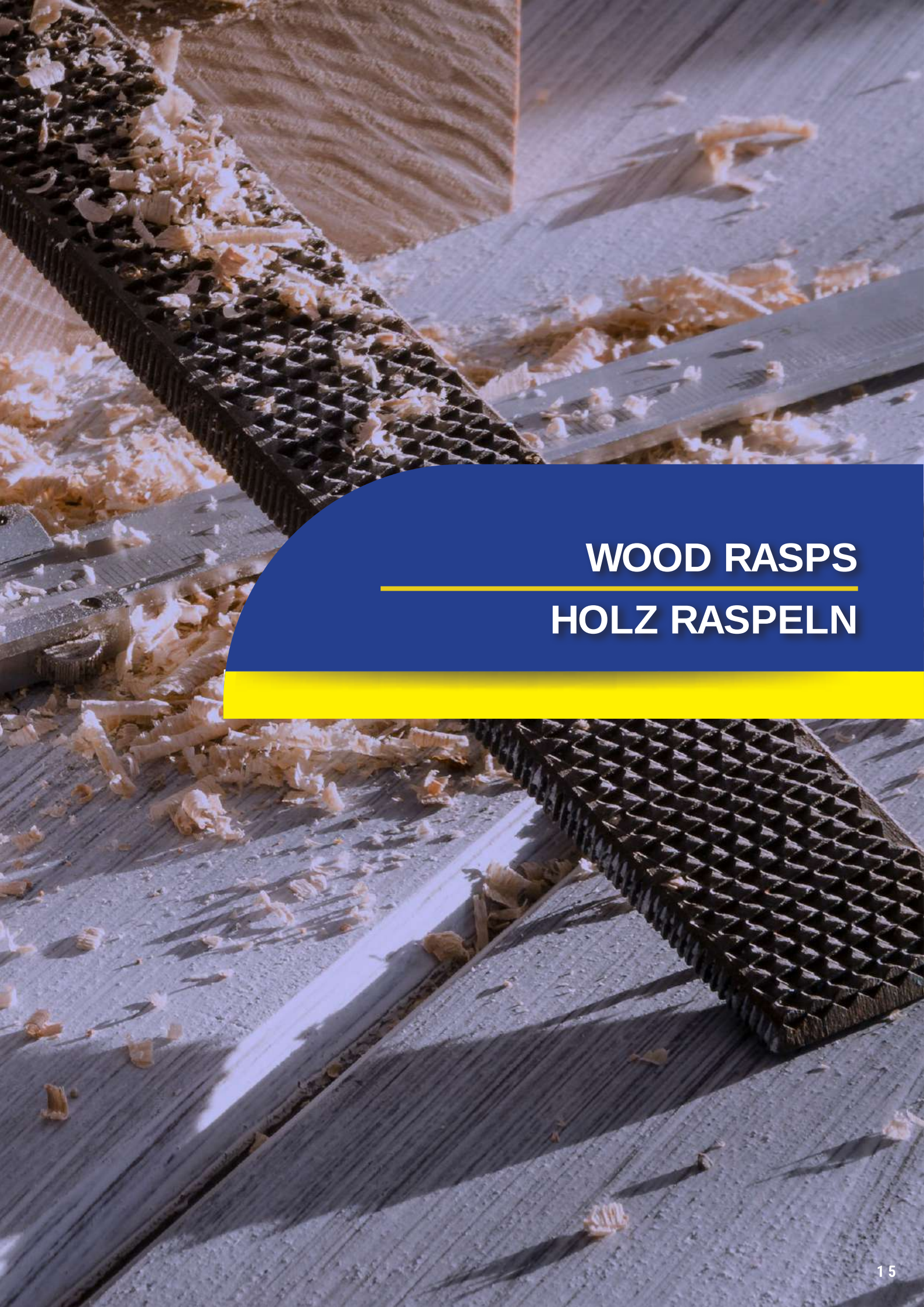


Universal propose file with single cut and chipbraker on both sides. 1 edge cut.
Universal -Schärfefeile. Einhieb auf 2 Seiten mit Nut. 1 Kantenhieb.

Use: Designed to file mild steel, tool steel, light metal alloys and hard plastic. For rapid removal and smoother finish.
Verwendung: Besonders geeignet für weichen Stahl, Leichtmetalllegierungen und Hartplastik. Für größeren Materialabtrag und feinere Flächen.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	200	20.0 * 4.5	1.75	12
10	250	24.0 * 6.0	3.20	12
12	300	29.0 * 6.5	5.10	12



A close-up photograph of wood rasps and shavings. The image shows two dark-colored rasps with a coarse, diamond-shaped texture. They are surrounded by a large amount of light-colored wood shavings and chips. The background is a light-colored wooden surface. A blue curved banner is overlaid on the right side of the image, containing the text 'WOOD RASPS' and 'HOLZ RASPELN' in white capital letters.

WOOD RASPS

HOLZ RASPELN

201 HAND / FLACH

CUT /HIEB 1/2/3



Hand Rasp with rasp cut on both sides. Both edges with file cut.
Flachstumpfraspel. Flache Seiten mit RaspelhieB. Kanten mit Feilhieb.

Use: To rasp flat surfaces of wood, plastic and other soft materials.
Verwendung: Zum Bearbeiten von ebenen Flächen bei Holz, Kunststoffen, etc.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
6	150	13.0 * 4.0	0.96	12
8	200	21.0 * 5.5	1.95	12
10	250	7.0 * 3.70	3.70	12
12	300	30.0 * 7.5	5.60	12

205 HALF ROUND / HALBRUND

CUT /HIEB 1/2/3



Half round rasp, tapered, with rasp cut on both sides.
Halbrundraspel mit DoppelhieB.

Use: To rasp curved sections.
Verwendung: Zum Bearbeiten konkaver Flächen bei Holz, Plastik.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
6	150	15.0 * 5.0	0.60	12
8	200	20.0 * 6.5	1.50	12
10	250	24.0 * 7.5	2.90	12
12	300	29.0 * 9.0	5.30	12

215 ROUND / RUND

CUT /HIEB 1/2/3



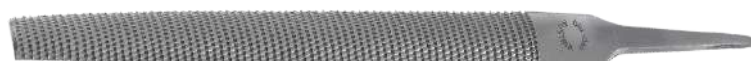
Round tapered rasp, with spiral rasp cut.
Rundraspel. Spitz zulaufend mit unlaufendem RaspelhieB.

Use: To rasp holes and round notches on wood and plastics.
Verwendung: Zum Bearbeiten von Löchern und runden Einschnitten bei Holz, Kunststoffen.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
6	150	8.0	0.36	12
8	200	10.0	0.96	12
10	250	12.5	1.80	12
12	300	14.5	3.12	12

210 CABINET / KABINETT

CUT /HIEB 2/3



Special half round rasp that is flatter and wider than a normal half round.
Rasp cut on both sides.
Kabinettraspel, dünne halbrunde Form mit konisch zulaufenden Kanten und Seiten.

Use: As #205, but larger radius.
Verwendung: Wie #205, aber größerer Radius.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	200	24.0 * 5.0	1.55	12
10	250	30.0 * 6.0	3.30	12

212 FLAT / FLACHSPITZ

CUT /HIEB 1



Flat rasp tapered in width, with rasp cut on both sides. Both edges with file cut.

Flachspitzraspel. Flachen Seiten mit Raspelhieb. Kanten mit Feilenhieb.

Use: As #201, but tapered in width.

Verwendung: Wie #201, aber schmalere Spitze.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
10	250	25.0 * 7.0	3.50	12
12	300	30.0 * 7.5	5.30	12
14	350	35.0 * 8.0	8.00	6

031 SET OF 3 RASPS / 3 TLG. RASPELSATZ

CUT /HIEB 1/2/3



Set of 3 Rasps

Hand, Round, Half round

Supplied with Handles in a plastic pouch.

3 Tlg. Raspelsatz

Flach, Rund, Halbrund

Mit Heft und Tasche.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	200			
10	250			
12	300			

253 SHOE RASP / LEISTENRASPEL

CUT /HIEB 2



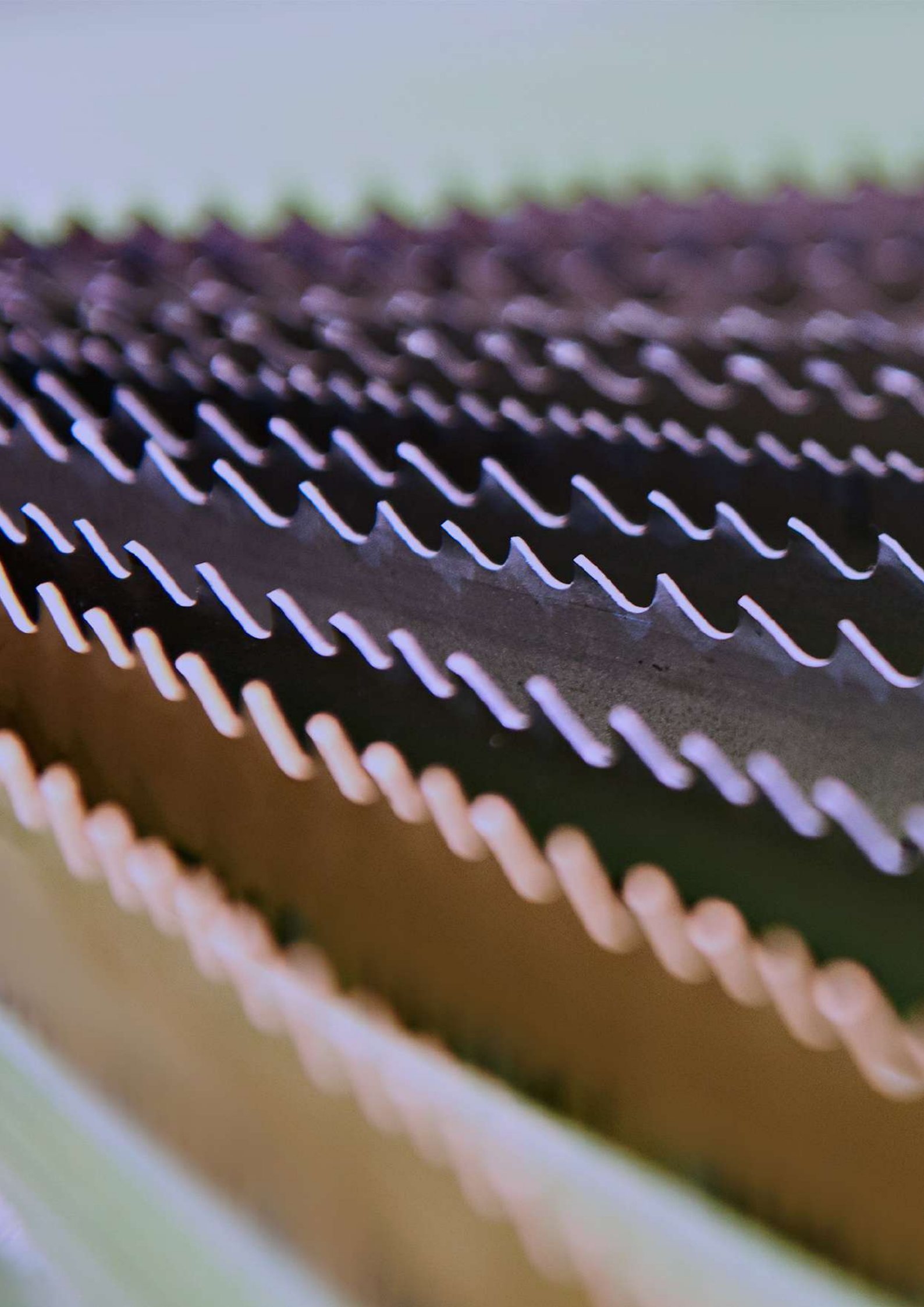
The 4-Way-Shoe Rasp is a versatile 4-in-1 Tool. One side of the Rasp is flat, with a File on one end and a wood Rasp on the other. While the flip side has a half-round profile with a File on one end and a wood Rasp on the other.

Die 4-Wege Schuhraspel ist ein vielseitiges 4-in-1 Werkzeug. Eine Seite der Raspel ist flach, mit einer Feile an einem Ende und einer Holzraspel am anderen. Während die andere Seite ein halbrundes Profil mit einer Feile an einem Ende und einer Holzraspel am anderen hat.

Use: Can be used for shaping and texturing wood, leather, soft metals and soft plastics.

Verwendung: Kann zum Formen und Strukturieren von Holz, Leder, weichen Metallen und weichen Kunststoffen verwendet werden.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	200	22.0 * 6.0	1.68	12



SAW FILES
SÄGEFEILEN

100 / 101 / 102 MILLSAW / MÜHLSÄGE

CUT / HIEB 2



Hand Millsaw File with single cut on all sides and edges.
Flache Mühlsägefeile. Einhieb auf allen Seiten und Kanten.

Use: For sharpening of circular and crosscut saws.
Verwendung: Zum Schärfen von Kreis- und Bandsägeblättern.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
6	150	15.0 * 2.5	0.56	12
7	175	17.0 * 3.0	0.88	12
8	200	20.0 * 3.5	1.38	12
9	225	22.0 * 3.8	1.86	12
10	250	24.0 * 4.0	2.25	12
12	300	29.0 * 5.0	4.10	12

100 square edges / scharfkantig
101 1 round edge / 1 rund Kante
102 2 round edges / 2 runde Kanten

**161 KNIFE-SHAPED SAW FILE / FEINSÄGEFEILE**

CUT / HIEB 2



Knife shaped file, single cut on both sides and on the narrow edges.
Feinsägefeile, Einhieb auf 2 Seiten, mit gehauenen Schmalkanten.

Use: For sharpening of shaped saws.
Verwendung: Zum Schärfen von Feinsägen.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
4 1/2	113	6.0 * 4.2	0.23	12

107 FARMER'S OWN/ FARMERFEILE

CUT / HIEB 2



Farmer's Own self handled File. Single cut on both sides, no edge cut.
Mit einhiebigen Flachseiten und unbehauenen Schmalseiten, sowie ausgestanztem Griff.

Use: Excellent for general purpose filing but are particularly useful on agricultural tools.
Verwendung: Das Schärfwerkzeug kann auch als Gartengeräte- Schärfen, Machetenschärfen verwendet werden.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	200	25.0 * 4.5	2.40	12
10	250	25.0 * 4.5	3.00	12

135 BANDSAW HEAVY / BANDSÄGE SCHWER

CUT / HIEB 2



Tapered triangular file. Single cut on all sides and edges. With round edges.
Bandsägefeile Schwer. Einzelhieb auf drei Seiten. Runde gehauene Kanten.

Use: For filling of flat, broad surfaces and sharp corners.
Verwendung: Zum Schärfen von Sägeblättern mit runden Spanräumen.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
5	125	11.5	0.84	12
6	150	13.5	1.32	12
7	175	14.5	1.56	12
8	200	15.5	2.04	12

116 TAPER SAW REGULAR / TAPERSÄGE NORMAL

CUT / HIEB 2



Regular taper saw file, tapered towards the tip. Single cut on all sides. All edges cut.

Dreikantsägefeile Normal. Einhieb auf drei Seiten und Kanten.

Use: Especially suitable for sharpening sawing tools.

Verwendung: Besonders geeignet zum Schärfen von Sägewerkzeugen.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
4	100	9.0	0.36	12
5	125	10.8	0.64	12
6	150	12.3	0.95	12
7	175	13.8	1.32	12
8	200	14.8	1.75	12

117 TAPER SAW SLIM / TAPERSÄGE SCHLANK

CUT / HIEB 2



Slim taper saw file, tapered towards the tip. Single cut on all sides. All edges cut.

Dreikantsägefeile schlank. Einhieb auf drei Seiten und Kanten.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
4	100	5.0	0.11	12
5	125	7.0	0.27	12
6	150	9.0	0.53	12
7	175	9.8	0.70	12
8	200	12.3	1.20	12

118 TAPER SAW EXTRA SLIM / TAPERSÄGE EXTRA SCHLANK

CUT / HIEB 2



Extra slim taper saw file, tapered towards the tip. Single cut on all sides. All edges cut.

Dreikantsägefeile extra schlank. Einhieb auf drei Seiten und Kanten.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
4	100	4.5	0.09	12
5	125	6.0	0.20	12
6	150	7.0	0.32	12
7	175	9.0	0.61	12
8	200	9.8	0.81	12

**119 TAPER SAW DOUBLE EXTRA SLIM
TAPERSÄGE DOPPELEXTRASCHLANK**

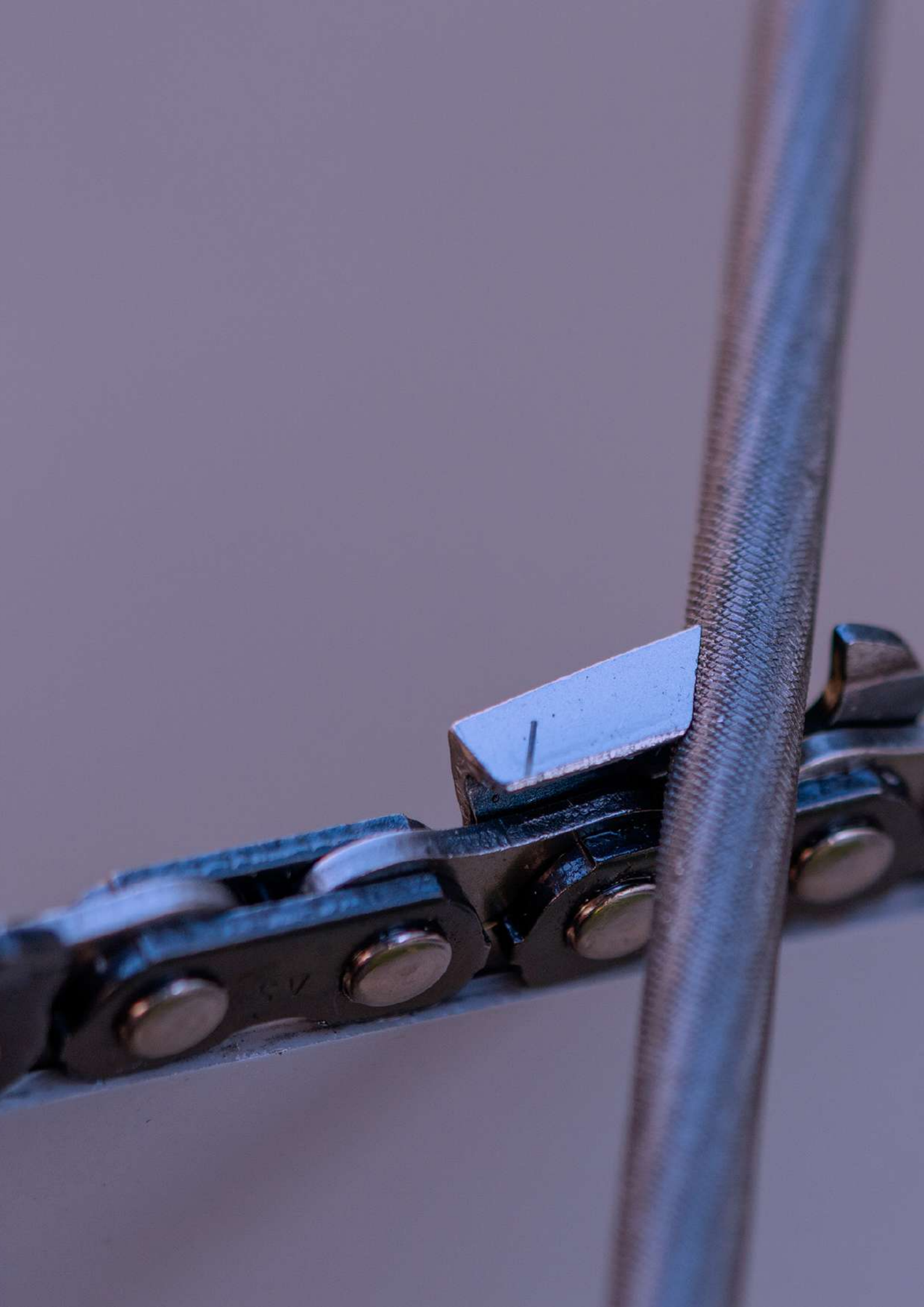
CUT / HIEB 2



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

Dreikantsägefeile doppelt extra schlank. Einhieb auf drei Seiten und Kanten.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
4	100	4.0	0.08	12
5	125	5.0	0.14	12
6	150	6.0	0.24	12
7	175	7.0	0.38	12
8	200	8.0	0.57	12





CHAIN SAW FILES

KETTENSÄGEFEILEN



BLUDAN - Number one in Files & Number one in Racing!



170-179 ROUND CHAIN SAW FILE / KETTENSÄGEFEILE

CUT /HIEB 3



Chain saw file with double cut.
Kettensägefeile mit Doppelhieb.

Use: To sharpen shovel-sharped teeth of chainsaws.
Verwendung: Zum Schärfen von schaufelartig verzahnten Kettensägen

No	Inches	mm	Cross Section	Kg per Dz.	Qty per Box
170	6	150	1/8 * 3.2	0.12	12
171	6	150	9/64 * 3.5	0.16	12
171	8	200	9/64 * 3.5	0.20	12
172	6	150	5/32 * 4.0	0.18	12
172	8	200	5/32 * 4.0	0.23	12
173	8	200	11/64 * 4.5	0.30	12
175	8	200	3/16 * 4.8	0.32	12
176	8	200	12.5/64 * 5.0	0.35	12
174	8	200	13/64 * 5.2	0.39	12
177	8	200	7/32 * 5.5	0.44	12
178	8	200	15/64 * 6.0	0.55	12
179	8	200	1/4 * 6.3	0.60	12

193 FLAT CHAIN SAW FILE / FLACHE KETTENSÄGEFEILE

CUT /HIEB 2

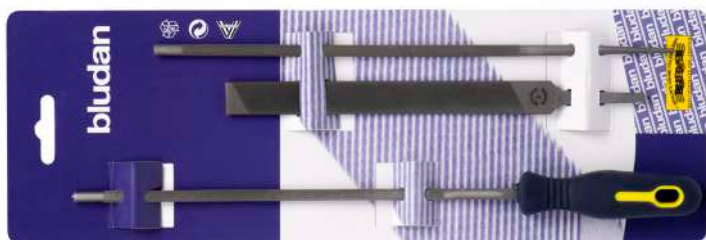


Parallel file with single cut on both sides. Round edges with no cut.
Flache Kettensägefeile, einhiebzig mit runden unbehauenen Kanten.

Use: For adjusting the depth gauge in the cutter.
Verwendung: Zum Feilen des Tiefenbegrenzers der Sägekette.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
6	150	15.0 * 3	0.80	12

170S-179S CHAIN SAW FILE SET / KETTENSÄGEFEILEN SET



Chain saw file Set
2 Round chain saw files, 1 Flat chain saw file
Supplied with 1 ergonomic handle.

Kettensägefeilen Set
2 Runde Kettensägefeilen, 1 Flache Kettensägefeile
Geliefert mit 1 Ergonomie-Feilenheft

No	Inches	mm	Cross Section	Kg per Dz.	Qty per Box
170	6	150	1/8 * 3.2		
171	6	150	9/64 * 3.5		
171	8	200	9/64 * 3.5		
172	6	150	5/32 * 4.0		
172	8	200	5/32 * 4.0		
173	8	200	11/64 * 4.5		
175	8	200	3/16 * 4.8		
176	8	200	12.5/64 * 5.0		
174	8	200	13/64 * 5.2		
177	8	200	7/32 * 5.5		
178	8	200	15/64 * 6.0		
179	8	200	1/4 * 6.3		





SPECIAL FILES

SONDERFEILEN

010 HAND FINISHING SINGLE CUT / DREHBANKFEILE EINHIEB

CUT / HIEB 2/3/4

**009 HAND FINISHING DOUBLE CUT / DREHBANKFEILE KREUZHIEB**

Rectangular File. Single or double cut. Two safe edges.
Rechteckige Feile. Ein- oder Kreuzhiebig. Kanten unbehauen.

Use: For finishing and smothering surfaces.
Verwendung: Für Putz und Entgratarbeiten auf der Drehbank.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	250	24.0 * 6.0	1.75	12
10	300	29.0 * 6.5	3.20	12
12	350	33.5 * 7.5	5.10	6
14	400	37.5 * 8.5	7.70	6

015 LEAD FLOAT HAND / ZINNFEILE FLACH

CUT / HIEB 0



Special file, cut on both sides with 1 edge cut.
Flachstumpffeile mit Spezialhieb auf 3 Seiten.

Use: For filing soft metals.
Verwendung: Für Weich- und Leichtmetalle.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	200	20.0 * 4.5	1.75	12
10	250	24.0 * 6.0	3.20	12
12	300	29.0 * 6.5	5.10	12
14	350	33.5 * 7.5	7.70	6

016 LEAD FLOAT HALFROUND / ZINNFEILE HALBRUND

CUT / HIEB 0



As 015 but halfround. Cut on both sides.
Wie 015 aber Halbrund. Hieb auf 2 Seiten.

Use: For soft and light metals.
Verwendung: Für Weich- und Leichtmetalle.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	200	20.0 * 5.5	1.50	12
10	250	24.0 * 7.0	2.90	12
12	300	29.0 * 8.2	5.30	12
14	350	34.0 * 9.5	7.70	6

019 ALUMINIUM FLAT / ALUMINIUM FLACH

CUT / HIEB 0



Special File cut on both sides. Both edges cut.
Spezielle Feile mit 2 Seiten Hieb und behauten Kanten.

Use: For aluminium and other soft metals.
Verwendung: Für Aluminium und andere Leichtmetalle.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	200	20.0 * 4.5	1.66	12
10	250	24.0 * 6.0	3.05	12
12	300	29.0 * 6.5	4.85	12

020 WARDING / RAUMFEILE

CUT / HIEB 1/2/3



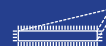
Thinner than normal Flat Files. Both sides single cut. Both edges cut.
Dünnere als eine Flachfeile. Einhiebig. Mit 2 behauten Kanten.

Use: As flat, better at parts where a flat can not reach.
Verwendung: Wie Flachfeile, günstiger an schwer zugänglichen Stellen.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
4	100	11.0 * 1.4	0.14	12
5	125	14.0 * 1.7	0.23	12
6	150	16.0 * 2.0	0.37	12
8	200	20.0 * 2.5	0.79	12

169 PLASTIC FAST / PLASTIK EXTRAGROB

CUT / HIEB 1



As 005, but with special chip-breaker for plastics.
Wie 005, aber mit speziellem Spanbrecher für Plastik.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
10	250	24.0 * 6.0	3.05	12
12	300	29.0 * 6.5	4.85	12
14	350	33.5 * 7.5	7.20	6

120 DOUBLE ENDER / DOPPELENDER

CUT / HIEB 3



Triangular File. Tapered at both ends, single cut on all sides.
Dreikantfeile. Beide Enden gezogen, einhiebig, ohne Angel.

Use: For sharpening saws.
Verwendung: Zum Schärfen von Sägen.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	150	5.0	0.30	12
10	175	6.0	0.40	12
12	200	7.1	0.62	12
14	225	8.7	0.81	12

121 FEATHEREDGE / SCHWERTSÄGEFEILE

CUT / HIEB 3



File with Feather edge profile. All sides with single cut.
Schwertfeile, einhiebig.

Use: For sharpening saws.
Verwendung: Zum Schärfen von Sägen.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	150	15.0	1.36	12
10	200	17.4	2.38	12

MACHINE BANDSAW FILE / MASCHINEN-BANDSÄGEFEILE

130 SHARP EDGES / SHARFKANTIG

CUT / HIEB 2



145 ROUND EDGES / RUNDKANTIG

CUT / HIEB 2



Triangular, untanged, parallel File. Single cut on all sides. Cut 2.
Dreieckige Feile. Parallel, ohne Angel. Einhiebig auf drei Seiten.
Hieb 2.

Use: For sharpening power hacksaw blades.
Verwendung: Zum Schärfen von Maschinensägeblättern.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8.5	215*10	10	0.89	12
8.5	215*15	15	2.20	12

160 CROSSCUT / WALDSÄGEFEILE

CUT / HIEB 2



Knife shaped File. Cross section with rounded back. Single cut.
Messerförmige Sägefeile, mit rundem Rücken. Einhiebig.

Use: For sharpening crosscut saws.
Verwendung: Zum Ausfeilen der Spanräume.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	200	4.2	0.23	12
10	250	4.2	0.23	12

KEY FILES / SCHLÜSSELFEILEN

CUT / HIEB 2

Files for key makers. Supplied with handle.
Schlüsselzeilen mit Holzheft.

Use: Ideal to work on delicate workpieces.
Verwendung: Ideal zum Bearbeiten von empfindlicher Werkstücke.

022 FLAT / FLACHSPITZ



Inches	mm	Kg per Dz.	Qty per Box
4	100	0.13	12

023 THREE SQUARE / DREIKANT



Inches	mm	Kg per Dz.	Qty per Box
4	100	0.13	12

024 SQUARE / VIERKANT



Inches	mm	Kg per Dz.	Qty per Box
4	100	0.13	12

027 HAND / FLACHSTUMPF



Inches	mm	Kg per Dz.	Qty per Box
4	100	0.13	12

028 ROUND / RUND



Inchse	mm	Kg per Dz.	Qty per Box
4	100	0.13	12

029 HALF ROUND / HALBRUND



Inches	mm	Kg per Dz.	Qty per Box
4	100	0.13	12

030 KEY FILE SET / SCHLÜSSELFEILEN - SATZ



Key File Set 6 pieces:
Consists of Hand, Flat, Three square, Square, Half round, Round File.
6 Tlgs. Schlüsselfeilen-Satz. Besteht aus Flachspitz, Dreikant, Vierkant, Halbrund, Rund- Feile.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
6	150	8 * 1	0.14	12

035 CONTACT POINT / KONTAKTFEILEN

CUT / HIEB 3



Contact Point File. Cut on both sides. No eddge cut. Cut 3.
Kontaktfeile. Kanten ohne Hieb. Hieb 3.

Use: To clean electric contacts.
Verwendung: Zum Reinigen von elektrischen Kontakten.

Inches	mm	Kg per Dz.	Qty per Box
6	150	0.13	12

037 CONTACT FILE SET / KONTAKTFEILEN - SATZ

CUT / HIEB 3



6 pieces Set. Delivered in a plastic storage wallet.
6-teiliges Satz. Geliefert in PVC-Tasche.



THREAD RESTORING FILES / GEWINDEFEILEN



Ideal for restoring damaged or worn external threads on bolts and pipes.
Ideal zur Wiederherstellung Aussengewinde an Schrauben und Röhren.

Code-Nr.	DIY-bags SB-Taschen	Inchs	mm	Kg per Dz.
6607250	ISO (metrisch)	10	250	1.4
6617250	WW (withtworth)	10	250	1.4
6597250	UNF - UNC - SAE	10	250	1.4
6587250	GAS (GBS)	10	250	1.4





NEEDLE FILES

NADELFEILEN

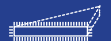
401-414 Needle Files / Nadelfeilen

CUT /HIEB 00/0/1/2/3/4

Use: For precision work, e.g. watchmakers, toolmakers, etc.

Verwendung: Für feinmechanische Arbeiten, z.B. Uhrmacher, Werkzeugmacher.

Inches	mm	Kg per Dz.	Qty per Box
5 1/2	140	0.08	12
6 1/4	160	0.12	12
7	180	0.15	12
8	200	0.20	12

401 HAND, SHARP EDGES / FLACH, SCHARFKANTIG**402 HAND, ROUND EDGES / FLACH, RUNDKANTIG****403 FLAT POINTED, SHARP EDGES / FLACHSPITZ, SCHARFKANTIG****404 FLAT POINTED, ROUND EDGES / FLACHSPITZ, RUNDKANTIG****405 HALF ROUND / HALBRUND****406 THREE SQUARE / DREIKANT****407 SQUARE / VIERKANT****408 ROUND / RUND**

409 KNIFE / MESSER



410 CROSSING, SHARP / VOGELZUNGE, SCHARF 0



412 BARRETTE / BARETT



414 FEATHEREDGE / SCHWERT

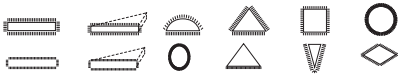


415 NEEDLE FILE SET 6 PIECES / NADELFEILENSATZ 6 TLG. CUT /HIEB 00/0/1/2/3/4



Inches	mm	Kg per Dz.	Qnty per Box
	140		6
	160		6
	180		6
	200		6
	250		
	300		
	350		
	400		

400 NEEDLE FILE SET 12 PIECES / NADELFEILENSATZ 12 TLG CUT /HIEB 00/0/1/2/3/4



Inches	mm	Kg per Dz.	Qnty per Box
	140		12
	160		12
	180		12
	200		12
	250		
	300		
	350		
	400		



A close-up photograph of a metalworking process. In the upper left, a circular metal part with several holes is visible. Below it, a large pile of dark, curly metal shavings is scattered on a flat surface. The background is dark and out of focus.

MILLED FILES & BLADES

FRÄSERFEILEN UND- BLÄTTER

380 MILLED BLADE, HAND. WITH CURVED TEETH FRÄSERBLATT, FLACH. KREISBOGENVERZAHNT



Cuts / Hiebarten 1 - 3 - 4
1= standard = 9TPI
3= fine / fein= 13TPI
4= extra-fine / extra-fine = 18TPI

Use: To file sheet metal, esp. car bodies.
Verwendung: Für Arbeiten an Blechkonstruktionen, Sp. Autokarosserien.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
10	250	25 * 4.5	1.68	10
12	300	30 * 4.0	2.40	10
14	350	35 * 4.5	3.24	10

385 HALF ROUND / HALBRUND



Cuts / Hiebarten 1 - 3 - 4
1= standard = 9TPI
3= fine / fein= 13TPI
4= extra-fine / extra-fine = 18TPI

As 380
Wie 380

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
12	300	28 * 8.0	2.40	10
14	350	32 * 9.0	3.24	10

390 MILLED BLADE, STRAIGHT TEETH, WITH CHIPBREAKER FRÄSERBLATT, SCHRÄGVERZAHNT MIT SPANNBRECHER



Cuts / Hiebarten 1 - 3 - 4
1= standard = 9TPI
3= fine / fein= 13TPI
4= extra-fine / extra-fine = 18TPI

Use: To file sheet metal, esp. car bodies.
Verwendung: Für Arbeiten an Blechkonstruktionen, Sp. Autokarosserien.

Inchs	mm	Cross Section	Kg per Dz.	Qty per Box
10	250	25 * 4.5	1.68	10
12	300	30 * 4.0	2.40	10
14	350	35 * 4.5	3.24	10

398 MILLED BLADE, STRAIGHT TEETH, WITHOUT CHIPBREAKER FRÄSERBLATT, SCHRÄGVERZAHNT OHNE SPANNBRECHER



Cuts / Hiebarten 1 - 3 - 4
1= standard = 9TPI
3= fine / fein= 13TPI
4= extra-fine / extra-fine = 18TPI

Use: To file sheet metal, esp. car bodies.
Verwendung: Für Arbeiten an Blechkonstruktionen, Sp. Autokarosserien.

Inchs	mm	Cross Section	Kg per Dz.	Qty per Box
10	250	25 * 4.5	1.68	10
12	300	30 * 4.0	2.40	10
14	350	35 * 4.5	3.24	10

381 MILLED FILE, HAND. WITH CURVED TEETH FRÄSERFEILE, FLACH. KREISBOGEN VERZAHNT



Cuts / Hiebarten 1 - 3 - 4
1= standard = 9TPI
3= fine / fein= 13TPI
4= extra-fine / extra-fine = 18TPI

Use: To files soft materials when a lot of material has to be removed and a smooth surface required.

Verwendung: Zum Bearbeiten von weichen Materialien, wenn große Zerspanung und feine Oberfläche erwünscht ist.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	200	19 * 5.0	1.44	10
10	250	25 * 5.0	2.76	10
12	300	30 * 6.5	4.32	10
14	350	35 * 7.5	7.80	10

391 MILLED FILE, HAND, STRAIGHT TEETH, WITH CHIPBREAKER FRÄSERFEILE, FLACH. SCHRÄGVERZAHNT, MIT SPANNBRECHER



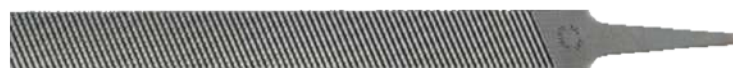
Cuts / Hiebarten 1 - 3 - 4
1= standard = 9TPI
3= fine / fein= 13TPI
4= extra-fine / extra-fine = 18TPI

Use: To files soft steel, soft metals and hard plastics.

Verwendung: Zum Bearbeiten von weichen und rostfreiem Stahl, Leichtmetall und Hartplastik.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	200	19 * 5.0	1.44	10
10	250	25 * 5.0	2.76	10
12	300	30 * 6.5	4.32	10
14	350	35 * 7.5	7.80	10

397 MILLED FILE, STRAIGHT TEETH WITHOUT CHIPBREAKER FRÄSERFEILE, SCHRÄGVERZAHNT, OHNE SPANNBRECHER



AS 391
WIE 391

Inchs	mm	Cross Section	Kg per Dz.	Qty per Box
8	200	19 * 5.0	1.44	10
10	250	25 * 5.0	2.76	10
12	300	30 * 6.5	4.32	10
14	350	35 * 7.5	7.80	10

383 FILEMASTER / FEILENMEISTER

CUT / HIEB 3



1 side curved tooth, 1 side straight tooth with chipbreaker. Curved tooth for fast removal of soft metals, lead, aluminium, soft wood and fillers. Straight tooth for use on steel, plastics, laminated and hard woods.

1 Seite radial, 1 Seite schräg mit Spanbrecher. Schrägverzahnt für die Bearbeitung von Stahl, Kunststoff, Laminaten und Hartholz.

1 Seite Bogenverzahnt: Für schnelle Spanabtragung von Weichmetall, Blei, Aluminium, Weichholz und Füllstoffen.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
10	250	25 * 5.0	3.12	10

308 MILLED FILE BENT / ZINKHOBEL GEBOGEN



Straight Tooth.
Schrägverzahnt.

Use: Aluminium, steel, special for zinc.
Verwendung: Aluminium, Stahl, speziell für Zink.

Inchs	mm	Cross Section	Kg per Dz.	Qty per Box
10	200	25 * 6.0	2.6	10

Cuts / Hiebarten
1=standard = 9TPI

308 ADJUSTABLE HOLDER FOR CAR BODY FILES / VERSTELLBARER HALTER FÜR KAROSSERIEFEILENBLÄTTER



Inches	mm	Kg per Dz.	Qty per Box
12	300	8.00	1
14	350	8.16	1

Turnbuckle design allows concave or convex use.

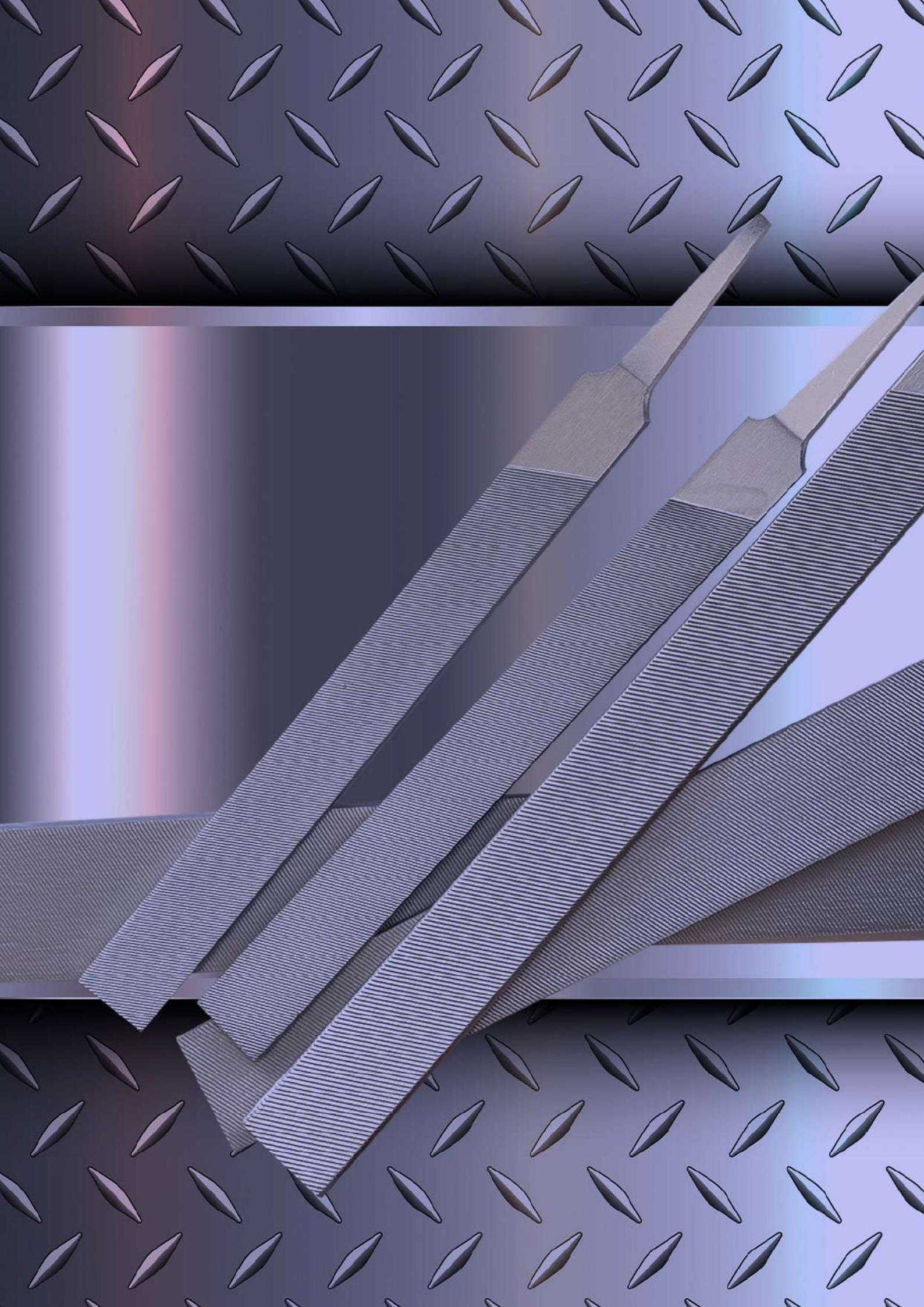
Das Spannscholl Design ermöglicht eine Konkave oder Konvexe Verwendung.





Car body work assured by BLUDAN milled blades!







BLUDAN CHROMINOX

BLUDAN -CX CHROMINOX®

72HRC

HARDNESS BY HI-TEC COATING

- Hardest possible coating for files
- No clogging, no rusting
- Multiple usage and performance
- Solves working problems on stainless steel, alloy steel, Titanium, Molybdenum, Nickel, Copper, etc. and on all kinds of plastic!

HÄRTE DURCH HI-TEC BESCHICHTUNG

- Härteste Beschichtung, die bei Feilen möglich ist
- Kein Verstopfen, kein Verrosten
- Mehrfache Gebrauchs- und Leistungsfähigkeit
- Löst Bearbeitungsprobleme an harten und zähem Material wie Nirosta, Stahl-, Molybdän-, Nickel-, Kupfer-/Wolframlegierungen und Kunststoffen aller Art!

ORDER CODE: Code file, rasp, etc. } + "C" = CHROMINOX
 BESTELLNUMMER:/Nummer der Feile, Raspel, etc. }
 0011100C = hand bastard 100 mm CX
 = flach bastard 100 mm CX

032 CP 5 PIECES CHROMINOX FILE SET

5 TLG. VERCHROMTES FEILENSATZ



Supplied in plastic pouche. Files with handles.

Geliefert mit Feilenhefte in PVC Tasche.

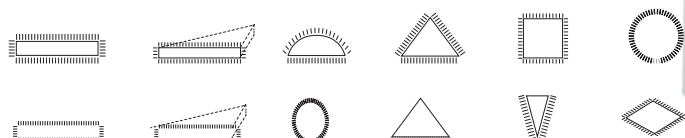


400C/ 415C CHROMINOX NEEDLE FILE SET / VERCHROMTES NADELFEILENSATZ

Set 6/12 Shapes in Bag.

CUT /HIEB 00/0/1/2/3/4

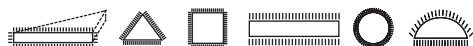
Satz Zu 6/12 Formen in Etui



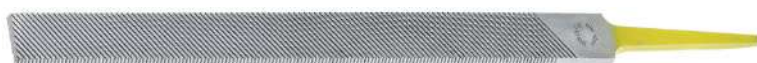
030C CHROMINOX KEY FILE SET / VERCHROMTES SCHLÜSSELFEILEN-SATZ

Set of 6 shapes in bag.

Satz Zu 6 Formen in Etui



280C CHROMINOX MULTICUT-FILE / VERCHROMTE MULTICUT-FEILE



New kind of file teeth (new angle of cut) with chipbreaker give following advantages:

- better performance on aluminium, brass unalloyed steel, copper, nylon, hardwood, plastics, etc.
- excellent removal of fillings
- 2 different cuts on one file (extra coarse/coarse)
- quicker working plus clean surface finish
- with CX-coating highest possible hardness (72 HRC)

Neuartige Zahnausbildung (geänderter Schnittwinkel) bieten folgende Vorteile:

- verbesserte Abtragleistung bei Alu, Messing, unleg. Stahl, Kupfer, Nylon, Hartholz, Kunststoffen, etc.
- hervorragende Spanabfuhr
- 2 Hiebe auf einer Feile (sehr grob/grob)
- scheller Abtrag plus sauberes Oberflächenfinish
- in CX-Ausführung größtmögliche Härte (72 HRC).

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	200	20 * 5	1.75	12
10	250	25 * 6	3.20	12
12	300	30 * 7	5.10	12





SKI FILES

SKIFEILEN

113 SKI FILE STANDARD / SKIFEILE STANDARD**113C CHROMINOX**

The racing service file! Also available in Chrominox finishing.
Die Rennservice-Feile! Auch in Chrominox verfügbar.

Inches	mm	Cross Section	H/C/T/C Nr.	H/C/T/C pro cm
6	150	15 * 3.0	1	16.0
6	150	15 * 3.0	2	20.0
8	200	20 * 3.0	1	14.0
8	200	20 * 3.0	2	16.0
10	250	25 * 3.5	1	12.5
10	250	25 * 3.5	2	14.0
12	300	30 * 4.0	1	11.0

114 SKI FILE STANDARD / SKIFEILE STANDARD**114C CHROMINOX**

Single file cut on both sides. Available in Chrominox.
Ersatzfeilen, Einhiebig beidseitig, kein Kantenhiebig.
Auch in Chromausführung Verfügbar.

Inches	mm	Cross Section	H/C/T/C Nr.	H/C/T/C pro cm
2 ^{3/4}	70	25 * 4.0	1	11.0
4	100	25 * 4.0	1	11.0
4 ^{3/4}	120	25 * 4.0	1	11.0

1141070 (70mm) → 2951070 MULTI
1141120 (120mm) → 2881120 VARIABLE
+ 2901120 DIAGONAL

380 REPLACEMENT MILLED BLADE / ERSATZ FRÄSERBLATT

Inches	mm	Cross Section	TPI Nr.	H/C/T/C pro cm
2 ^{3/4}	70	25 * 4.0	11/13	9 * 13
4	100	25 * 4.0	11/13	9 * 13
4	100	30 * 4.0	11/13	9 * 13
4 ^{3/4}	120	25 * 4.0	11/13	9 * 13
4 ^{3/4}	120	30 * 4.0	11/13	9 * 13
6	150	30 * 4.0	11/13	9

3801070 + 3803070 → 2951070 MULTI
3801120 + 3803120 → 2881120 VARIABLE
+ 2901120 DIAGONAL

297 UNIVERSAL HAND / UNIVERSAL FLACH**299 UNIVERSAL FLAT / UNIVERSAL FLACHSPITZ**

Universal propose file with single cut and chipbraker on both sides. 1 edge cut.
Universal -Schärfifeile. Einhiebig auf 2 Seiten mit Nut. 1 Kantenhiebig.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	200	20.0 * 4.5	1.75	12
10	250	24.0 * 6.0	3.20	12
12	300	29.0 * 6.5	5.10	12



Champions use Bludan Chrominox Ski Files!
Mike Braun - Veteran Portuguese Champion







HORSE RASPS

HUFRASPEL



For more than 200 years, we have been making European professional quality Rasps and Files that we deliver all over the world. The outstanding quality and the market acceptance of our Horse Rasps reflects our unique blend of tradition, Know-How and craftsmanship.

Our Horse Rasps, now sharpened with a new system - **DST - Diamond Speed Tech**, offer an exceptional grip, a perfect finishing and a long lasting performance.

Seit über 200 Jahren produzieren wir professionelle Qualitätsraspeln und Feilen in Europa, welche wir weltweit vertreiben. Die hervorragende Qualität und die Marktakzeptanz unserer Hufraspeln spiegeln die einzigartige Tradition, das Know How und die Kunstfertigkeit.

Unsere Hufraspeln werden mit einem neuen System - **DST - Diamond Speed Tech** - Verfahren geschärft, bieten eine außergewöhnliche Griffbarkeit, ein perfektes Finish und sind sehr widerstandsfähig und langlebig.

HORSE RASP WITH TANG / HUFRASPEL MIT ANGEL



1 side rasp cut. 6 teeth per row. 1 side file cut. With extra sharp teeth.

1 Seite mit extrascharfem und tiefem Raspelhieb, die andere mit grobem Feilenhieb.

	Inches	mm	Cross Section	Kg per Dz.	Qty per Box
2260200	8	200	45.0 * 6.0	4.63	6
2260250	14	350	45.0 * 6.0	6.60	6
2260430	17	430	45.0 * 6.0	9.15	6

222A EQUISTAR



1 side rasp cut. 9 teeth per row. 1 side file cut. Both edges Cut. Extra Sharp Teeth.

1 Seite Feile, 1 Seite Raspe, 9 Raspelhieb.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
14	350	50.0 * 4.30	7.50	6





A close-up, low-angle shot of a person's face and hands. The person is wearing blue nitrile gloves and holding a magnifying glass over a small object. The background is a blurred workshop or laboratory setting with various tools and equipment. A dark blue curved banner with a yellow horizontal stripe is overlaid on the right side of the image.

HOBBY FILES

BASTLERFEILEN

280P MULTICUT-FILE / MULTICUT-FEILE

CUT / HIEB 9



2 different cuts on one File (coarse/extra coarse)
2 Hiebe auf einer Feile (grob/extra grob)

Use: Better performance on aluminium, brass unalloyed steel, cooper, nylon, hardwood.

Verwendung: Verbesserte Abtragleistung bei Alu, Messing, unleg. Stahl, Kupfer, Nylon, Hartholz, Kunststoffen, etc.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	200	20.0 * 4.5	1.90	6
10	250	24.0 * 6.0	3.84	6
12	300	29.0 * 6.5	5.90	6

281P MULTI-PURPOSE FILE / VIELZWECKFEILE

CUT / HIEB 2



1 side single cut, 1 side double cut
1 Seite einhiebig, 1 Seite kreuzhiebig

Use: Double cut to remove material, single cut to sharpen knives and tools.

Verwendung: Kreuzhiebig, um Material abzutragen, einfacher Hieb zum Schärfen von Werkzeugen.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	200	19.0 * 3.5	1.75	6

282P HOUSEHOLD FILE / HAUSHALTSFEILE

CUT / HIEB 2



1 side bastard, 1 side smooth
1 Seite bastard, 1 Seite schlicht

Use: Bastard cut to remove material, smooth cut to smoothen the surface.

Verwendung: Bastardhieb, um viel Material zu entfernen, Schlichthieb zum Glätten der Fläche.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	200	19.0 * 4	1.90	6

286P FILE RASP / FEILRASPEL

CUT /HIEB 2



1 Side File, 1 side Rasp
1 Seite Feile, 1 Seite Raspel

File with different cuts on both sides. 1 side File cut, 1 side Rasp cut. Version with ergonomic file handle.
Feile mit unterschiedlichen Hieben auf beiden Seiten. 1 Seite Feile, 1 Seite Raspel. Ausführung mit Ergonomie Feilenheft.

Inches	mm	Cross Section	Kg per Dz.	Qty per Box
8	200	20.0 * 6.0	2.16	6

**032P FILE SET WITH 5 SHAPES
WERKSTATFEILEN-SATZ 5 TEILIG**

CUT /HIEB 1/2/3



Inches	mm	Kg per Dz.	Qty per Box
6	150	5.40	1
8	200	9.60	1
10	250	16.20	1
12	300	25.20	1

In PVC pouch with ergonomic file handle(hand, half round, 3square, square, round).

In PVC Tasche mit Ergonomie-Feilenheft (Flach, Halbrund, Dreikant, Vierkant, Rund).







HAND CUT RASPS

HANDHIEB RASPELN

HANDY RASPS / HANDY- RASPELN

2332215 SET OF 5 SHAPES / SATZ ZU 5 FORMEN 215mm



2342215 HAND / FLACHSTUMPF 215mm



2352215 HALF ROUND / HALBRUND 215 mm



2362215 THREE SQUARE / DREIKANT 215 mm



2372215 SQUARE / VIERKANT

215 mm



2382215 ROUND / RUND

215 mm



NEEDLE RASPS / NADELRASPELN

4342140 SET OF 6 SHAPES / SATZ ZU 6 FORMEN 140mm



4332140 FLAT / FLACHSPITZ

140mm



4352140 HAND / FLACH

140mm



4362140 HALF ROUND / HALBRUND 140mm



4372140 THREE SQUARE / DREIKANT 140mm



4382140 SQUARE / VIERKANT

140mm



4392140 ROUND / RUND

140 mm



RIFFLER RASPS / RIFFELRASPELN

3703200 FLAT / FLACHSPITZ

200 mm 

3713200 HAND / FLACHSTUMPF

200 mm 

3723200 HALF ROUND / HALBRUND 200 mm



3733200 THREE SQUARE / DREIKANT 200 mm



3743200 SQUARE / VIERKANT

200 mm 

3753200 ROUND / RUND

200mm 

3763200 KNIFE / MESSER

200mm 

3773200 OVAL / OVAL

200mm 

RIFFLER RASPS SET / RIFFELRASPELN SET

3783200 SET OF 6 SHAPES / SATZ ZU 6 FORMEN 200mm



3783150 SET OF 6 SHAPES / SATZ ZU 6 FORMEN 150mm



3793200 SET OF 8 SHAPES / SATZ ZU 8 FORMEN 200mm



SPECIAL RASPS / SPEZIAL RASPELN

9033250 HALF ROUND / HALF ROUND
HALBRUND / HALBRUND 250mm



9023250 HALF ROUND / OVAL
HALBRUND / OVAL 250mm



9013200 ROUND / ROUND
RUND / RUND 250mm



9043200 HALF ROUND / HALF ROUND
HALBRUND / HALBRUND 200mm



9013200 ROUND / ROUND
RUND / RUND 200mm



9113150 HALF ROUND / OVAL
HALBRUND / OVAL 150mm



9133150 THREE SQUARE / HAND
DREIKANT / FLACH 150mm



9123150 HALF ROUND / HAND
HALBRUND / FLACH 150mm



STAIRCAISE RASPS / TREPPENRASPELN

2281250 S-SHAPE / S-FORM 250 mm



2291150 O-SHAPE / O-FORM 150 mm

2291250 O-SHAPE / O-FORM 250x25 mm



MUSHROOM RASPS | PILZRASPELN

8903065 SHANK POINTED bent
SPITZKEGEL gebogen

65mm

22mm
16mm



8913065 HALF ROUND bent
HALBRUND gebogen

65mm

26mm
8mm



8923065 HALF ROUND
HALBRUND

65mm

26mm
7mm



STANDARD SHAPES / STANDARD FORMEN

2405 HAND / FLACH



2435 HALF ROUND / HALBRUND



2455 CABINET / KABINETT



2475 ROUND / RUND





DIAMOND COATED FILES

DIAMANTFEILEN





Grit sizes / Körnungen:

1 = coarse / grob = D181 • 2 = universel / universal = D 126

3 = fine / fein = D91 • 4 = Extra fine / extrafein = D 64

RIFFLER FILES / RIFFELFEILEN

					150	200	Grit Kom
DRF		hand	flach		3 x 1.5	7.5 X 4	1 . 2 . 3
DRH		halfround	halbrund		4 x 2	9.5 X 4	1 . 2 . 3
DRD		3square	dreikant		2	6.5	1 . 2 . 3
DRV		square	vierkant		2	6	1 . 2 . 3
DRR		round	rund		3 - 1	4	1 . 2 . 3
DRS		Set	Set				1

NEEDLE FILES / NADELFEILEN

					100	140	160	200	Grit Kom
DNF		hand	flach		4 x 1	5.5 x 1.5	6 x 1.5	8 x 2	1 . 2 . 3
DNH		halfround	halbrund		3.5 x 1.5	5 x 2	6 x 2.5	7 x 3	1 . 2 . 3
DND		3square	dreikant		2.5	3.5	4.5	5	1 . 2 . 3
DNV		square	vierkant		2	3	3	4	1 . 2 . 3
DNR		round	rund		1.5 - 1	3.0 - 1	4.0 - 1	4.5 - 1	1 . 2 . 3
DNS		Set	Set						1



FORM FILES / PROFILFEILEN

					100	125	150	200	Grit Kom
DPF		hand	flach		10.5 X 1.5	12 X 3.5	13 X 4	20 X 4	1 . 2 . 3
DPH		halfround	halbrund		9 X 3.5	12 X 4.5	16 X 5.5	21 X 6	1 . 2 . 3
DPD		3square	dreikant		5	8	9.5	14	1 . 2 . 3
DPV		square	vierkant		3.5	5.5	6	8	1 . 2 . 3
DPR		round	rund		3 - 1	5 - 2	6 - 2	8 - 2	1 . 2 . 3
DPS		Set	Set						

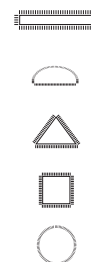
Further shapes and grits sizes on request

Weitere Formen und Körnungen auf Anfrage

GDS GOLDEN DIAMOND FILE SET / GOLDENES DIAMANTFEILENSATZ

Golden Diamond 5 Pcs. File Set, 160mm, Grit 150

Goldenes Diamantfeilensatz 5 Tlg., 160mm, Korn 150.



AUSTRIA

SINCE 1798

QUALITÄTSFEILEN

BLU-DAN

AUSTRIA

SINCE 1798

QUALITÄTSFEILEN UND - RASPELN

BLU-DAN

AUSTRIA

SINCE 1798

SPELN

QUALITÄTSFEILEN UND - RASPELN

BLU-DAN

AUSTRIA

SINCE 1798

QUALITÄTSFEILEN UND - RASPELN

BLU-DAN

AUSTRIA

SINCE 1798

QUALITÄTS

BLU-DAN

A

AUSTRIA

SINCE 1798

UND - RASPELN

BLU-DAN

AUSTRIA

SINCE 1798

QUALITÄTSFEILEN UND - RASPELN

BLU-DAN

AUSTRIA

SINCE 1798

QUALITÄTSFEILEN UND - RASPELN

BLU-DAN

AUSTRIA

SINCE 1798

HANDLES & PACKING ZUBEHÖR

QUALITÄTSFEILEN UND - RASPELN

BLU-DAN

AUSTRIA

SINCE 1798

FEILEN UND - RASPELN

BLU-DAN

AUSTRIA

SINCE 1798

QUALITÄTSFEILEN UND - RASPELN

BLU-DAN

AUSTRIA

SINCE 1798

097 ERGONOMIC BI-MATERIAL FILE HANDLES ERGONOMIE BI-MATERIAL FEILENHEFTE



Art. Nr.	mm	Kg - Dz	For files Für Feilen	Qty per Box
0977090	90	0.12	100-150 mm	4-6" 10/100
0977100	100	0.24	150-200 mm	6-8" 10/100
0977110	110	0.36	200-250 mm	8-10" 10/100
0977120	120	0.48	250-300 mm	10-12" 10/100
0977140	140	0.60	300-350 mm	12-14" 10/100

091 PAPER SLEEVES / SB-TASCHEN



Code-Nr.	DIY-bags SB-Taschen	Inchs	mm	Kg per Dz.
0937100	For files + Rasps Für Feilen + Raspeln	4	100	0.084
0937150	For files + Rasps Für Feilen + Raspeln	6	150	0.108
0937200	For files + Rasps Für Feilen + Raspeln	8	200	0.144
0937250	For files + Rasps Für Feilen + Raspeln	10	250	0.168
0937300	For files + Rasps Für Feilen + Raspeln	12	300	0.192

096 WOODEN HANDLES / HOLZHEFTE



Art. Nr.	mm	Kg - Dz	For files Für Feilen	Qty per Box
0967060	60	0.11	100 mm	14-16" 10/100
0967080	80	0.81	150-200 mm	6-8" 10/100
0967090	90	0.21	150-200 mm	6-8" 10/100
0967100	100	0.24	200 mm	8" 10/100
0967110	110	0.36	250 mm	10" 10/100
0967120	120	0.54	300 mm	12" 10/100
0967130	130	0.67	300-350 mm	12-14" 10/100
0967140	140	0.80	350 mm	14" 10/100
0967150	150	0.95	350-400 mm	14-16" 10/100
0967160	160	1.10	400 mm	16" 10/100

098 CHAIN SAW FILE HANDLES KETTENSÄGEFEILENHEFTE



Art. Nr.	mm	Kg - Dz	For chainsaw files Für Kettensägefeilen	Qty per Box
0987120	120	0.34	150-200 mm	6-8" 40

098 NEEDLE FILE HANDLES NADELFEILENHEFTE



Art. Nr.	mm	Kg - Dz	For needle files Für Nadelfeilen	Qty per Box
0987080	80	0.18	100-200 mm 4-8"	12

099 HANDLES WITH THREAD INSERT / GRIFFE MIT GEWINDE-EINSATZ



Art. Nr.	mm	Kg Dz	Kind Sorte	Length Länge	100 4	125 5	150 6	200 8	250 10	300 12	350 14	400 16	Qty Box
0997001	95	0.60	Grip - No.		3	3	4	4	5	6	7	7	12
0997002	95	0.60	Griff - Nr		3	3	4	4	5	6	7	7	12
0997003	95	0.60			1	2	2	4	4	5	6	7	12
0997004	105	0.72			2	2	3	4	5	6	7	7	12
0997005	105	0.72			1	2	3	4	4	5	6	7	12
0997006	120	1.08											12
0997007	130	1.20											12

BOX WITH 6 OR 12 PIECES / SCHACHTEL MIT 6 ODER 12 FEILEN



510 FILE BRUSH / FEILENBÜRSTEN



Code-Nr.	Size Größe	Usable area Kratzfläche	Kg per Dz.
5107115	medium / mittel	115 x 40 mm	1.0



A photograph of a forest scene. In the foreground, a stack of cut logs is visible, with a single log lying horizontally next to it. The logs are cut into sections, showing the light-colored wood. The background is a dense forest of tall, thin trees, slightly out of focus. A blue curved banner is overlaid on the right side of the image, containing the text 'SMART CUT SAWS' and 'SMART CUT SÄGEN'. Below the blue banner is a yellow horizontal bar.

SMART CUT SAWS

SMART CUT SÄGEN

SmartCut

Patented technology
Three different teeth on one and the same saw blade

Background

In 1985 the Royal Institute of Technology in Stockholm investigated the constructing business. They discovered that one of the most common injuries was that the workers cut themselves in their hands with a bow saw. The reason was because the bow saws until today only were available with big teeth for fast cut.

With Smart Cut the problem is now history.

With a patented technology based on computerized manufacturing we can produce saw blades with small teeth for safe start, medium size teeth for high precision and big teeth for fast cut.

Patentierte Technologie
Drei verschiedene Zahngrößen auf ein und dem selben Sägeblatt

Geschichte:

Im Jahr 1985 hat das "Royal Institute of Technology in Stockholm" die Unfallstatistik im Bereich des Bauwesens untersucht. Es wurde entdeckt, dass eine der häufigsten Verletzungen durch den Arbeiter selbst passiert, indem er sich mit einer Bügelsäge in seine Hände schneidet. Der Grund dafür ist, dass die Bügelsäge bis heute nur einen großen Zahn für schnelles Sägen besitzt.

Mit Smart Cut ist dieses Problem Geschichte.

Mit einer patentierten basiert auf Computergestützte Produktion, wird ein Sägeblatt mit kleinen Zähne für einen sicheren Start, mittleren Zähne für hohe Präzession und große Zähne für einen schnellen Schnitt gefertigt.



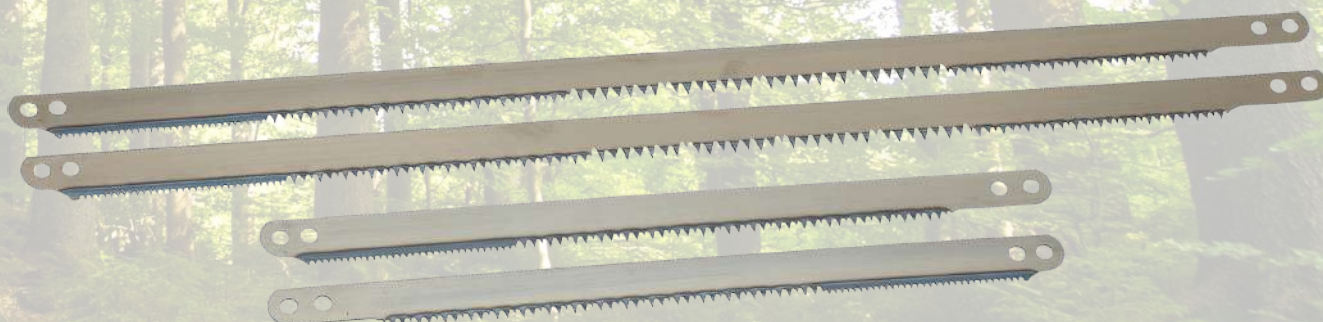
Smart Cut Bow saw program:

1. Combi Saw	12"	300 mm
2. Pruning Saw	21"	530 mm
3. Allround Saw	24"	610 mm
4. Heavy-duty Professional Saw	30"	760 mm
5. Heavy-duty Professional Saw	36"	910 mm
6. Deluxe Smart Cut Set	12" & 30"	



Smart Cut Bügelsägen Programm:

1. Combi Säge	12"	300 mm
2. Pruning Säge	21"	530 mm
3. Allround Säge	24"	610 mm
4. Heavy-duty Professional Säge	30"	760 mm
5. Heavy-duty Professional Säge	36"	910 mm
6. Deluxe Smart Cut Sägen Set	12" & 30"	



Made in Portugal, Top Quality, Patented Technology. Three different teeth on the same saw blade

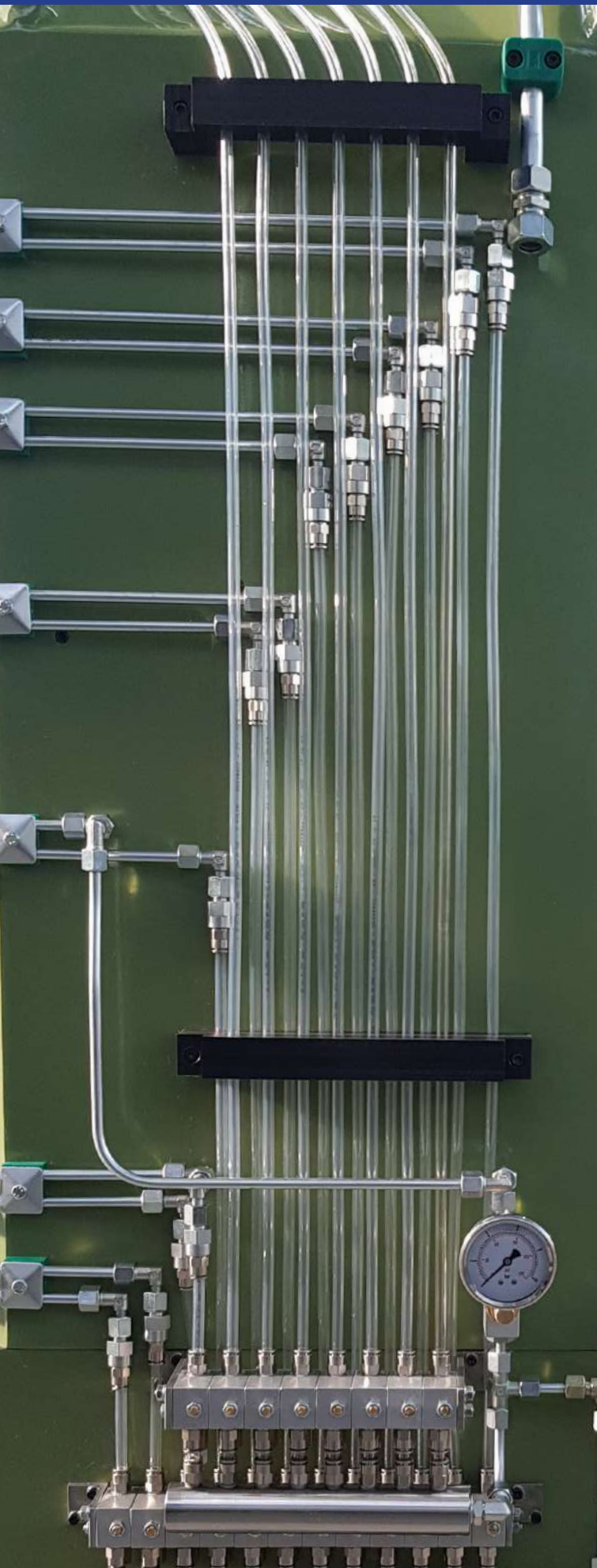
Safe Start - Fast Cut - High Precision - A new technology to minimize the risk of accident



A close-up photograph of a large industrial machine, likely a hydraulic press or similar equipment. The machine's main body is painted a dark green. A prominent yellow hydraulic arm or lever is visible on the left side, with the word 'MERVAL' printed in black on it. Numerous silver-colored hydraulic lines with various fittings and elbows are connected to the machine. A red circular component is partially visible on the far left. The background is slightly blurred, showing more of the industrial environment.

MACHINE DEPARTMENT

MASCHINENABTEILUNG



The experience and unique know-how gained by Bludan / IBS in over 200 years of manufacturing files and rasps has also been used to develop new machinery for file production and other different uses. In fact, we are the most important worldwide supplier of machinery for file manufacturing companies.

Our special Hot Forging Machines are the best example. We supply them to the biggest file manufacturers around the world, and also to the most important chisel manufacturers.

We are also on the lead of the market, with the technology we offer in other equipments that we project, design and manufacture in a key-in-hand service to our customers.

Our Induction Hardening & Heating systems are used not only for the file and chisel industries, but for many other production solutions. For example, we supply them to the glass bottle industries for heating up the molds before brazing. We prepare individualized solutions for each induction heating demand.

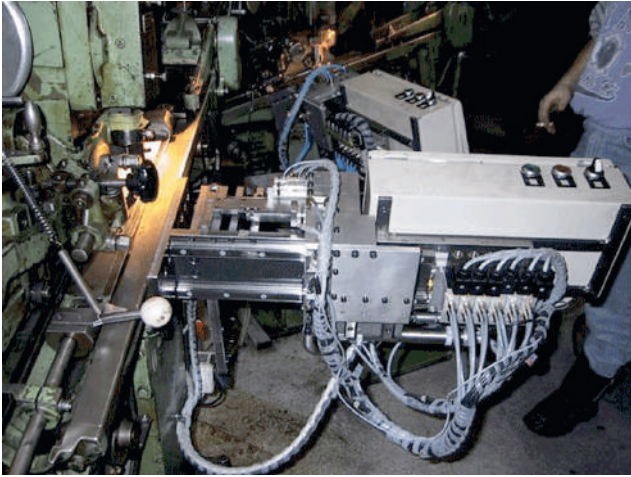
Our File Sharpening Systems and our Dry Sandblasting Equipments, both with run through belts, for fast & sequential production, are also best sellers.

And of course, file cutting machines, either automatic or semi-automatic, with or without feeders, and all machinery concerning file and rasp production are in our product range.

All our equipments can be supplied with complete automation, including robot arms, to fit the exact need and requirements of the customer.

We have the know-how and the manufacturing capacity to install complete production lines for different types of files, and we are regularly asked to do so. We supply key in hand solutions, including training and know how transfer. Please contact us for more detailed information about your needs.

Machine Automation



Traditionally file manufacturing is a process with a great deal of incorporated hand labor. To reduce it, we have been automating our machines and production processes according to the available modern technology. Our experience in this area allows us to either conceive fully automated machines or production lines or to automate used machines and equipments that run in your factories. We have a multi-skilled team prepared to study your problem and to present you solutions.

Whatever your needs are in the above areas, please consult us and we will present you a solution that fits your exact requirements.

Our performance will gain your trust!



Forging Machines

Although some companies still use spring hammers with high ram weight for different forging processes, the result is inconsistent and of low quality finishing. Also, it's an extremely noisy process, producing over 130 dB, much above the values allowed by labor health & security laws, considering the security point for human hearing. The modern way is to forge with automatic 4 or 6 hammer forging machines, especially designed and produced by our company. These machines produce nicely finished blanks, consistent in size and shape.

Our Forging Machines are specially developed for precise, fast and economic forging of several tools, namely file tangs and points and chisel points of different formats: flat, square, triangular, round, hexagonal, etc.

They provide a high hourly output, approximately 100 % more than normal power hammers, and at the same time permit a high degree of exactness, and easy operation by semi-skilled workers.

Our equipments, with either 4 or 6 hammers depending to the model, have a robust and noise restraining machine frame, and the forging forces are safely closed inside, resulting in a quiet running operation.

We have been producing our Forging machines for more than 60 years and the market recognizes their high quality & efficiency and their extreme reliability.

Each year we improve them, incorporating the most recent technologies and materials keeping up as n° 1 worldwide producer.

Type:

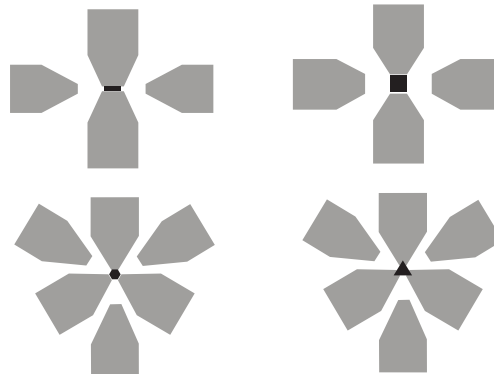
Models:

4 Hammers

SM401, SM402, SM403

6 Hammers

SM601, SM602,



Machine Specifications		SM401	SM402	SM403	SM601	SM602
Forging Capacity (mm) Cross Section x Length		10X120	24X90	50X120	10X120	24X90
Maximum Forging Length (mm)		140	165	175	140	165
Working Pressure Max (N)		120000	220000	450000	120000	220000
Stroke (num/min)		1200	1000	800	1200	1000
Motor Output 1400 U/min (KW/PS)		11/15	15/20	18/25	15/20	18/25
Dimensions (mm)	Width	1600	1700	1800	1750	1850
	Dept	1100	1200	1400	1100	1200
	Hight	1550	1600	1650	1600	1680
Transport Details						
Weight (Kg)	Gross	2000	2750	3900	2800	3850
	Net	1900	2600	3700	2700	3700
Crate Dimensions	Width	1750	1850	1950	1900	2000
	Dept	1250	1350	1550	1250	1350
	Hight	1750	1800	1850	1800	1880



Induction Equipment & Coils

Traditionally the process of heating up metal either for forging, quenching or other needs was done by means of gas-powered furnaces. The state of the art solution and most efficient process is using high or medium Frequency Induction heating equipments, which are faster, with less energy costs and are ambient friendly.

We have been building and using induction heating systems in our production for the last 20 years, and we supply them also to metallurgical industries, such as mold companies, chisel, and file manufacturers.

If required, we can also supply an adequate feeding system, robotized or otherwise automated, so your parts can be heating in a production line process.

Give us the dimensions, shape and steel specifications of your part, and we will develop a machine with the adequate coil for heating it up.





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