



LIME E RASPE

FILES AND RASPS

<p>Lime per meccanica Machinist's files</p> <p>Lime per meccanica manicate Machinist's files with handle</p> <p>Lime a mazzo packet files</p> <p>Lime per seghe Saw files</p> <p>Lime fresate Milled tooth files</p> <p>Fogli fresati Milled tooth blades</p> <p>Portalime File holders</p> <p>Lime per tornio Lathe files</p> <p>Lime per chiavi Key files</p> <p>Lime per contatti Magneto files</p> <p>Lime ad ago Needle files</p> <p>Rifloir a lima L. 180 mm Riffler files L. 180 mm</p> <p>Lime diamantate Diamond files</p> <p>Lime ad ago diamantate Diamond needle files</p> <p>Affilacotelli Butcher steels</p>	<p>122</p> <p>125</p> <p>128</p> <p>129</p> <p>130</p> <p>131</p> <p>131</p> <p>132</p> <p>133</p> <p>133</p> <p>134</p> <p>135</p> <p>136</p> <p>136</p> <p>137</p>	<p>Raspe per legno Wood rasps</p> <p>Raspe per legno manicate Rasps for wood with handle</p> <p>Raspe ad ago Needle rasps</p> <p>Rifloir a raspa Riffler rasps</p> <p>Manici Handles</p>	<p>138</p> <p>140</p> <p>142</p> <p>142</p> <p>143</p>	<p>www.limemeccanica.it www.limemeccanica.com www.rifloirs.it www.rifloirs.com www.limeadago.it www.limeadago.com</p>
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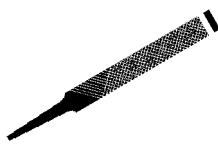
LIME PER MECCANICA MACHINISTS' FILES

Realizzate a partire da una barra di acciaio speciale ad alto contenuto di carbonio, tramite lavorazioni meccaniche di fucinatura, molatura e intagliatura. L'impiego delle migliori tecniche oggi disponibili permette di produrre lime caratterizzate dalla eccezionale uniformità della forma e della profondità dei denti. Il trattamento termico consente di ottenere una durezza di 64 HRC. Adatte ad una grande varietà di impieghi, sia a carattere industriale sia artigianale.

Made starting from a bar of special steel with a high degree of carbide, through forging, grinding and notching. The best techniques available allow us to produce files characterized by the exceptional uniformity of shape and depth of the teeth. Hardness obtained through heat treatment is 64 HRC. Machinists' files are suitable to a great variety of uses, and are indicated both for the industry and the craftsmen.

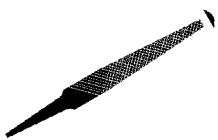
Réalisées à partir d'une barre d'acier spécial à haut contenu de carbone, par l'intermédiaire des travaux mécaniques de forgeage, meulage et gravure. Exceptionnelle uniformité de la forme et de la profondeur des dents. Dureté 64 HRC. Indiquées à une grande variété d'emplois, au caractère industriel et artisanal.

Fabricadas a partir de una barra de acero especial con alto contenido en carbono, mediante elaboración mecánica de forja, amoladura y entalladura. Uniformidad excepcional de la forma y de la profundidad de los dientes. Dureza 64 HRC. Aptas para una gran variedad de usos, tanto industriales como artesanales



PIATTE PARALLELE HAND

inch mm	bastard BASTARDO		2nd MEZZODOLCE		smooth DOLCE		dead smooth DOPPIO DOLCE	
	COD.		COD.		COD.		COD.	
4 100	002P104		002P204		002P304			
5 125	002P105		002P205		002P305		002P405	
6 150	002P106		002P206		002P306			
7 175	002P107		002P207		002P307			
8 200	002P108		002P208		002P308			
9 225	002P109		002P209		002P309			
10 250	002P110		002P210		002P310		002P410	
12 300	002P112		002P212		002P312			
14 350	002P114		002P214		002P314		002P414	
16 400	002P116		002P216		002P316			

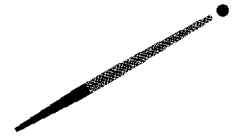


MEZZOTONDE HALF ROUND

inch mm	bastard BASTARDO		2nd MEZZODOLCE		smooth DOLCE		dead smooth DOPPIO DOLCE	
	COD.		COD.		COD.		COD.	
4 100	002M104		002M204		002M304		002M404	
5 125	002M105		002M205		002M305			
6 150	002M106		002M206		002M306			
7 175	002M107		002M207		002M307			
8 200	002M108		002M208		002M308			
9 225	002M109		002M209		002M309			
10 250	002M110		002M210		002M310			
12 300	002M112		002M212		002M312			
14 350	002M114		002M214		002M314			
16 400	002M116		002M216		002M316			

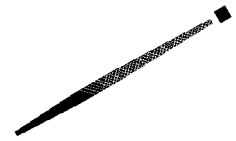
ROUND TONDE

inch mm	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE	dead smooth DOPPIO DOLCE
	COD.	COD.	COD.	COD.
4 100	002T104	002T204	002T304	
5 125	002T105	002T205	002T305	
6 150	002T106	002T206	002T306	
7 175	002T107	002T207	002T307	002T407
8 200	002T108	002T208	002T308	
9 225	002T109	002T209	002T309	
10 250	002T110	002T210	002T310	
12 300	002T112	002T212	002T312	
14 350	002T114	002T214	002T314	
16 400	002T116	002T216	002T316	



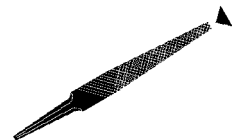
SQUARE QUADRE

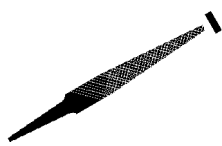
inch mm	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE	dead smooth DOPPIO DOLCE
	COD.	COD.	COD.	COD.
4 100	002Q104	002Q204	002Q304	002Q404
5 125	002Q105	002Q205	002Q305	
6 150	002Q106	002Q206	002Q306	002Q406
7 175	002Q107	002Q207	002Q307	002Q407
8 200	002Q108	002Q208	002Q308	002Q408
9 225	002Q109	002Q209	002Q309	
10 250	002Q110	002Q210	002Q310	
12 300	002Q112	002Q212	002Q312	
14 350	002Q114	002Q214	002Q314	
16 400	002Q116	002Q216	002Q316	



THREESQUARE TRIANGOLARI

inch mm	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE	dead smooth DOPPIO DOLCE
	COD.	COD.	COD.	COD.
4 100	002TR104	002TR204	002TR304	002TR404
5 125	002TR105	002TR205	002TR305	002TR405
6 150	002TR106	002TR206	002TR306	002TR406
7 175	002TR107	002TR207	002TR307	
8 200	002TR108	002TR208	002TR308	002TR408
9 225	002TR109	002TR209	002TR309	
10 250	002TR110	002TR210	002TR310	002TR410
12 300	002TR112	002TR212	002TR312	
14 350	002TR114	002TR214	002TR314	
16 400	002TR116	002TR216	002TR316	





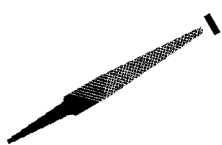
PIATTE A PUNTA FLAT

inch mm	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE	dead smooth DOPPIO DOLCE
	COD.	COD.	COD.	COD.
4 100	002PP104	002PP204	002PP304	
5 125	002PP105	002PP205	002PP305	
6 150	002PP106	002PP206	002PP306	
7 175	002PP107	002PP207		
8 200	002PP108	002PP208	002PP308	
10 250	002PP110	002PP210		
12 300	002PP112	002PP212		
14 350	002PP114	002PP214		
16 400	002PP116	002PP216		



A COLTELLO KNIFE

inch mm	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE	dead smooth DOPPIO DOLCE
	COD.	COD.	COD.	COD.
4 100	002C104	002C204	002C304	
5 125	002C105	002C205	002C305	
6 150	002C106	002C206	002C306	
8 200	002C108	002C208		
9 225		002C209	002C308	
10 250	002C110	002C210	002C310	
12 300	002C112	002C212	002C312	
14 350	002C114	002C214		



PIATTE A PUNTA SOTTILE TAPERED THIN FLAT

inch mm	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE	dead smooth DOPPIO DOLCE
	COD.	COD.	COD.	COD.
4 100	002PPS104	002PPS204		
5 125	002PPS105	002PPS205		
6 150		002PPS206		
7 175		002PPS207		
8 200	002PPS108	002PPS208		

MACHINISTS' FILES WITH HANDLE **LIME PER MECCANICA MANICATE**

Fabricadas a partir de una barra de acero especial con alto contenido en carbono, mediante elaboración mecánica de forja, amoladura y entalladura. Uniformidad excepcional de la forma y de la profundidad de los dientes. Dureza 64 HRC. Aptas para una gran variedad de usos, tanto industriales como artesanales. Disponibles con tres tipos de mango: en madera con forma ergonómica (mango "Legno"); en plástico con forma ergonómica y agujero para colgar, en las versiones amarilla o roja (mango "Special Plast"). Si no se indican preferencias se suministrará la versión con mango "Special Plast" amarillo.

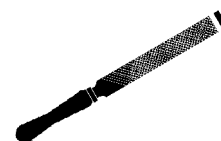
Réalisées à partir d'une barre d'acier spécial à haut contenu de carbone, par l'intermédiaire des travaux mécaniques de forgeage, meulage et gravure. Exceptionnelle uniformité de la forme et de la profondeur des dents. Dureté 64 HRC. Indiquées à une grande variété d'emplois, au caractère industriel et artisanal. Disponibles avec 3 différents manches: bois avec la forme ergonomique (manche "Legno"); plastique avec forme ergonomique, en coloris jaune ou rouge (manche "Special Plast").

Made starting from a bar of special steel with a high degree of carbide, through forging, grinding and notching. Exceptional uniformity of shape and depth of the teeth. Hardness 64 HRC. Machinists' files are suitable to a great variety of uses, and are indicated both for the industry and the craftsmen. Three different handles are available: wooden (handle "Wooden"); plastic with hanging hole, coloured yellow or red (handles "Special Plast"). If no preference is indicated, files with yellow Special Plast handle will be supplied.

Realizzate a partire da una barra di acciaio speciale ad alto contenuto di carbonio, tramite lavorazioni meccaniche di fucinatura, molatura e intagliatura. Eccezionale uniformità della forma e della profondità dei denti. Durezza 64 HRC. Adatte ad una grande varietà di impieghi, sia a carattere industriale sia artigianale. Disponibili con 3 diversi manici: in legno (manico "Legno"); in plastica con foggia ergonomica e foro appendibile, nelle versioni gialla o rossa (manico "Special Plast"). Se non vengono indicate preferenze, verrà fornita la versione con manico Special Plast giallo.

HAND PIATTE

	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE	dead smooth DOPPIO DOLCE
inch mm	COD.	COD.	COD.	COD.
4 100	002P104M	002P204M	002P304M	002P404M
5 125	002P105M	002P205M	002P305M	002P405M
6 150	002P106M	002P206M	002P306M	
7 175	002P107M	002P207M	002P307M	
8 200	002P108M	002P208M	002P308M	002P408M
9 225	002P109M	002P209M	002P309M	
10 250	002P110M	002P210M	002P310M	002P410M
12 300	002P112M	002P212M	002P312M	002P412M
14 350	002P114M	002P214M	002P314M	
16 400	002P116M	002P216M	002P316M	

HALF ROUND **MEZZOTONDE**

	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE	dead smooth DOPPIO DOLCE
inch mm	COD.	COD.	COD.	COD.
4 100	002M104M	002M204M	002M304M	002M404M
5 125	002M105M	002M205M	002M305M	
6 150	002M106M	002M206M	002M306M	
7 175	002M107M	002M207M	002M307M	
8 200	002M108M	002M208M	002M308M	
9 225	002M109M	002M209M	002M309M	
10 250	002M110M	002M210M	002M310M	
12 300	002M112M	002M212M	002M312M	
14 350	002M114M	002M214M	002M314M	
16 400	002M116M	002M216M	002M316M	





TONDE ROUND

inch mm	bastard BASTARDO		2nd MEZZODOLCE		smooth DOLCE		dead smooth DOPPIO DOLCE	
		COD.		COD.		COD.		COD.
4 100		002T104M		002T204M		002T304M		
5 125		002T105M		002T205M		002T305M		
6 150		002T106M		002T206M		002T306M		002T406M
7 175		002T107M		002T207M		002T307M		
8 200		002T108M		002T208M		002T308M		002T408M
9 225		002T109M		002T209M		002T309M		
10 250		002T110M		002T210M		002T310M		
12 300		002T112M		002T212M		002T312M		
14 350		002T114M		002T214M		002T314M		
16 400		002T116M		002T216M		002T316M		



QUADRE SQUARE

inch mm	bastard BASTARDO		2nd MEZZODOLCE		smooth DOLCE		dead smooth DOPPIO DOLCE	
		COD.		COD.		COD.		COD.
4 100		002Q104M		002Q204M		002Q304M		002Q404M
5 125		002Q105M		002Q205M		002Q305M		
6 150		002Q106M		002Q206M		002Q306M		002Q406M
7 175		002Q107M		002Q207M		002Q307M		002Q407M
8 200		002Q108M		002Q208M		002Q308M		002Q408M
9 225		002Q109M		002Q209M		002Q309M		
10 250		002Q110M		002Q210M		002Q310M		
12 300		002Q112M		002Q212M		002Q312M		
14 350		002Q114M		002Q214M		002Q314M		
16 400		002Q116M		002Q216M		002Q316M		



TRIANGOLARI THREESQUARE

inch mm	bastard BASTARDO		2nd MEZZODOLCE		smooth DOLCE		dead smooth DOPPIO DOLCE	
		COD.		COD.		COD.		COD.
4 100		002TR104M		002TR204M		002TR304M		002TR404M
5 125		002TR105M		002TR205M		002TR305M		002TR405M
6 150		002TR106M		002TR206M		002TR306M		002TR406M
7 175		002TR107M		002TR207M		002TR307M		
8 200		002TR108M		002TR208M		002TR308M		002TR408M
9 225		002TR109M		002TR209M		002TR309M		
10 250		002TR110M		002TR210M		002TR310M		002TR410M
12 300		002TR112M		002TR212M		002TR312M		
14 350		002TR114M		002TR214M		002TR314M		
16 400		002TR116M		002TR216M		002TR316M		

FLAT PIATTE A PUNTA

inch mm	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE	dead smooth DOPPIO DOLCE
	COD.	COD.	COD.	COD.
4 100	002PP104M	002PP204M	002PP304M	
5 125	002PP105M	002PP205M		
6 150	002PP106M	002PP206M	002PP306M	
7 175	002PP107M	002PP207M		
8 200	002PP108M	002PP208M	002PP308M	
10 250	002PP110M	002PP210M		
12 300	002PP112M	002PP212M		
14 350	002PP114M	002PP214M		
16 400	002PP116M	002PP216M		



KNIFE A COLTELLO

inch mm	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE	dead smooth DOPPIO DOLCE
	COD.	COD.	COD.	COD.
4 100	002C104M	002C204M	002C304M	
5 125	002C105M	002C205M	002C305M	
6 150	002C106M	002C206M	002C306M	
8 200	002C108M	002C208M	002C308M	
9 225		002C209M		
10 250	002C110M	002C210M	002C310M	
12 300	002C112M	002C212M	002C312M	
14 350	002C114M	002C214M		



TAPERED THIN FLAT PIATTE A PUNTA SOTTILE

inch mm	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE	dead smooth DOPPIO DOLCE
	COD.	COD.	COD.	COD.
4 100	002PPS104M	002PPS204M		
5 125	002PPS105M	002PPS205M		
6 150		002PPS206M		
7 175		002PPS207M		
8 200	002PPS108M	002PPS208M		



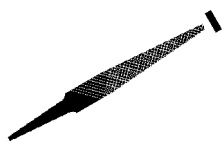
SETS ASSORTIMENTI

DESCR.	inch mm	bastard BASTARDO	2nd MEZZODOLCE
		COD.	COD.
3 pz hand, half round, round PIATTA, MEZZOTONDA, TONDA	6 150	0021007	0021030
	8 200	0021032	0021033
	10 250	0021036	0021037
5 pz hand, half round, round, threesquare, square PIATTA, MEZZOTONDA, TONDA, TRIANGOLARE, QUADRA	6 150	0021050	0021051
	8 200	0021054	0021055
	10 250	0021059	0021060
6 pz hand, half round, round, threesquare, square, flat. PIATTA, MEZZOTONDA, TONDA, TRIANGOLARE, QUADRA, PIATTA A PUNTA	6 150	0021040	0021041
	8 200	0021008	0021043
	10 250	0021046	0021047



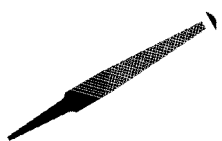
LIME A MAZZO PACKET FILES

PIATTE A PUNTA FLAT



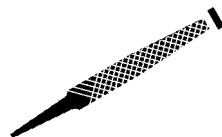
TAGLIO cut	3 pz 10" 250mm COD.	2 pz 12" 300mm COD.	1 pz 14" 350mm COD.
bastard			
BASTARDO	001P3S	001P2S	001P1S
double bastard			
DOPPIO BASTARDO	001PG3S	001PG2S	
1/2 file 1/2 rasp			
1/2 LIMA 1/2 RASPA	001PR3S		

MEZZOTONDE HALF ROUND



TAGLIO cut	3 pz 10" 250mm COD.	2 pz 12" 300mm COD.	1 pz 14" 350mm COD.
bastard			
BASTARDO	001M3S	001M2S	001M1S

LIME PER MANISCALCO FARRER'S FILES



TAGLIO cut	12" 300mm COD.
bastard	
BASTARDO	001P2MA

LIME DIACUT DIACUT FILES



TAGLIO cut	8" 200mm COD.	10" 250mm COD.	12" 300mm COD.
diacut			
DIACUT	012A08	012A10	012A12

SAW FILES **LIME PER SEGHE**THREESQUARE **TRIANGOLARI**

mm	regular REGOLARI	slim SOTTILI	extra slim EXTRA SOTTILI	band-saw PESANTI
	COD.	COD.	COD.	COD.
3	003R030	003S030		
4	003R040	003S040	003ES040	
4,5	003R045	003S045		
5	003R050	003S050	003ES050	003P050
5,5	003R055	003S055		
6	003R060	003S060	003ES060	003P060
7	003R070	003S070	003ES070	003P070
8	003R080	003S080		003P080

HAND **PIATTE**model roma **MODELLO ROMA**

mm	COD.
6	003PRO6
7	003PRO7

model tirole **MODELLO TIROLO**

mm	COD.
8"	003PS08

1 round edge un bordo tondo



13

ROUND CHAIN SAW FILES **LIME TONDE PER MOTOSEGA**

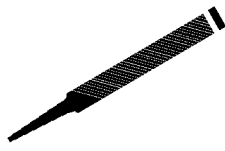
mm	COD.
5/32	013532
3/16	013316
13/64	0131364
7/32	013732
1/4	01314

DISPLAY **ESPOSITORE**

ART.	COD.	DESCR.
64204	013E204	204 pz (48 x 5/32", 60 x 3/16", 24 x 13/64", 60 x 7/32", 12 x 1/4")



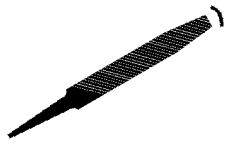
LIME FRESATE MILLED TOOTH FILES

**LF501 Piatte dente dritto** LF501 Hand, straight tooth

inch mm	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE
	COD.	COD.	COD.
8 200	014501108	014501208	014501308
10 250	014501110	014501210	014501310
12 300	014501112	014501212	014501312
14 350	014501114	014501214	014501314
16 400		014501216	

**LF504 Piatte dente curvo** LF504 Hand, curved tooth

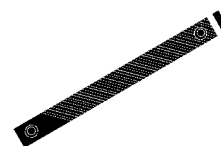
inch mm	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE
	COD.	COD.	COD.
8 200	014504108	014504208	
10 250	014504110	014504210	
12 300	014504112	014504212	
14 350	014504114	014504214	
16 400	014504116	014504216	

**LF503 Mezzotonde dente dritto** LF503 half round, straight tooth

inch mm	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE
	COD.	COD.	COD.
8 200	014503108	014503208	
10 250	014503110	014503210	
12 300	014503112	014503212	
14 350	014503114	014503214	
16 400	014503116	014503216	

MILLED TOOTH BLADES **FOGLI FRESATI**LF505 Hand, straight tooth **LF505 Piatti dente dritto**

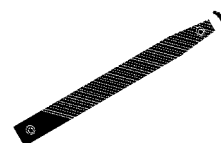
inch mm	bastard BASTARDO		2nd MEZZODOLCE	
	COD.		COD.	
8 200	014505108		014505208	
10 250	014505110		014505210	
12 300	014505112		014505212	
14 350	014505114		014505214	
16 400	014505116		014505216	

LF507 Hand, curved tooth **LF507 Piatti dente curvo**

inch mm	bastard BASTARDO		2nd MEZZODOLCE	
	COD.		COD.	
10 250	014507110		014507210	
12 300	014507112		014507212	
14 350	014507114		014507214	

LF506 Half round, straight tooth **LF506 Mezzotondi vuoti**

inch mm	bastard BASTARDO		2nd MEZZODOLCE	
	COD.		COD.	
8 200	014506108		014506208	
10 250	014506110		014506210	
12 300	014506112		014506212	
14 350	014506114		014506214	
16 400	014506116		014506216	

LF511 For bodies **LF511 Per carrozzeria**

inch mm	bastard BASTARDO		2nd MEZZODOLCE	
	COD.		COD.	
14 350	014507114		014507214	

LF512 FLEXIBLE FILE HOLDER **LF512 PORTALIME Registrabile**

COD.

014512

LF514 WOODEN FILE HOLDER **LF514 PORTALIME Fisso in legno**

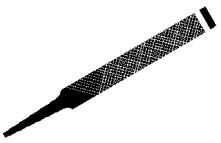
COD.

014514

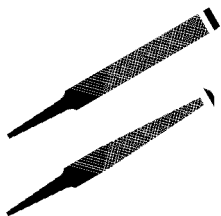



LIME PER TORNIO taglio semplice LATHE FILES single cut

inch mm	2nd MEZZODOLCE		smooth DOLCE	dead smooth DOPPIO DOLCE
	COD.		COD.	COD.
10 250	008T2S10		008T3S10	008T4S10
12 300	008T2S12			


LIME PER TORNIO taglio incrociato LATHE FILES double cut

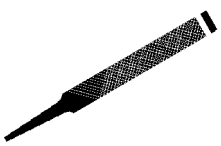
inch mm	2nd MEZZODOLCE		dead smooth DOPPIO DOLCE
	COD.		COD.
10 250	008T210		008T410
14 350	008T214		008T414


LIME PER ALLUMINIO ALUMINIUM FILES

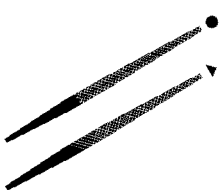
inch mm	hand PIATTE		half round MEZZOTONDE
	COD.		COD.
8 200	008AP108		008AM108
10 250	008AP110		008AM110
12 300	008AP112		008AM112


LIME PER LAMINATI PLASTICI LAMINATED PLASTIC FILES

inch mm	bastard BASTARDO		2nd MEZZODOLCE
	COD.		COD.
8 200	008P108		008P208
10 250	008P110		008P210


LIME PER ELETTRODI ELECTRODE FILES

inch mm	2nd MEZZODOLCE	
	COD.	
10 250	008EL110	


LIME PER PROVA TEMPRA HARDENING TESTING FILES

inch mm	round TONDE		threesquare TRIANGOLARI
	COD.		COD.
8 200			008PTT08
9 225	008PTT009		


LIME GRIT EDGE PER CERAMICA GRIT EDGE FILES FOR CERAMICS

inch mm	half round MEZZOTONDE		hand PIATTE
	COD.		COD.
6 150	008CERM		
8 200			008CER

KEY FILES **LIME PER CHIAVI**

DESCR.	COD.
hand	
PIATTA	015P
half round	
MEZZOTONDA	015M
round	
TONDA	015T
threesquare	
TRIANGOLARE	015TR
square	
QUADRA	015Q
flat	
PIATTA A PUNTA	015PP

100mm - 4"

SETS **ASSORTIMENTI**

COD.	DESCR.
0151009	busta bag 6 pz
0151009S	astuccio in legno wooden box 6 pz

MAGNETO FILES **LIME PER CONTATTI**

COD.
016C

75mm - 3"

KITS **ASSORTIMENTI**

COD.	DESCR.
0161012	busta bag 6 pz




LIME AD AGO NEEDLE FILES

	L 140	L 160	L 180	L 200
DESCR.	COD.	COD.	COD.	COD.
hand				
PIATTA	020P2140	020P2160	020P2180	020P2200
flat				
PIATTA A PUNTA	020PP2140	020PP2160	020PP2180	020PP2200
hand round edges				
PIATTA A BORDI TONDI	020BT2140	020BT2160	020BT2180	020BT2200
half round				
MEZZO TONDA	020M2140	020M2160	020M2180	020M2200
round				
TONDA	020T2140	020T2160	020T2180	020T2200
square				
QUADRA	020Q2140	020Q2160	020Q2180	020Q2200
threesquare				
TRIANGOLARE	020TR2140	020TR2160	020TR2180	020TR2200
knife				
A COLTELLO	020C2140	020C2160	020C2180	020C2200
oval				
OVALE	020O2140	020O2160	020O2180	020O2200
crossing				
A FOGLIA DI SALVIA	020FS2140	020FS2160	020FS2180	020FS2200
barette				
BARRETTA	020B2140	020B2160	020B2180	020B2200
featheredge				
A DOPPIO COLTELLO	020DC2140	020DC2160	020DC2180	020DC2200


MANICO PER LIME AD AGO HANDLE FOR NEEDLE FILES

COD.

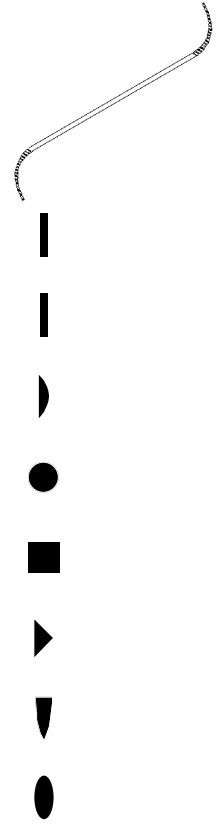
070MC

ASSORTIMENTI KITS

COD.	DESCR.
02014	6 pz (mm 140)
02016	6 pz (mm 160)
02018	6 pz (mm 180)
02020	6 pz (mm 200)
02024	12 pz (mm 140)
02026	12 pz (mm 160)
02028	12 pz (mm 180)
02030	12 pz (mm 200)
020BL	3 pz +1 manico in blister 3 pz +1 handle in blister (mm 160)

RIFFLER FILES L. 180mm RIFLOIR A LIMA L. 180mm

L 180 DESCR.	bastard BASTARDO COD.	smooth DOLCE COD.
hand PIATTA	022P1190	022P3190
flat PIATTA A PUNTA	022PP1190	022PP3190
half round MEZZO TONDA	022M1190	022M3190
round TONDA	022T1190	022T3190
square QUADRA	022Q1190	022Q3190
threesquare TRIANGOLARE	022TR1190	022TR3190
knife A COLTELLO	022C1190	022C3190
almond A MANDORLA	022O1190	022O3190



SETS ASSORTIMENTI

COD.	DESCR.
0221901	8 pz (bastard BASTARDO)
0221903	8 pz (smooth DOLCE)



LIME DIAMANTATE DIAMOND FILES



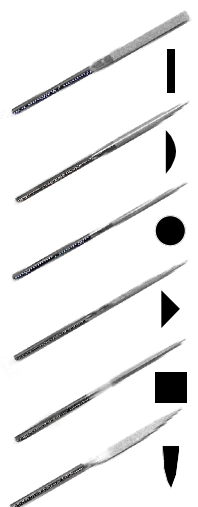
L 150 6"	
DESCR.	COD.
hand	
PIATTA	023XP150
half round	
MEZZOTONDA	023XM150
round	
TONDA	023XT150
threesquare	
TRIANGOLARE	023XTR150
square	
QUADRA	023XQ150

ASSORTIMENTI SETS



COD.	DESCR.
023XS	5 pz (mm 150 - 6")

LIME AD AGO DIAMANTATE DIAMOND NEEDLE FILES



L 160	
DESCR.	COD.
hand	
PIATTA	023P2160
half round	
MEZZOTONDA	023M2160
round	
TONDA	023T2160
threesquare	
TRIANGOLARE	023TR2160
square	
QUADRA	023Q2160
knife	
A COLTELLO	023C2160



ASSORTIMENTI SETS

COD.	DESCR.
02316	6 pz (mm 160)

BUTCHER STEELS **AFFILACOLTELLI****PANTHER**

inch	mm	COD.
6"	150	00782006
7"	175	00782007
8"	200	00782008
9"	225	00782009
10"	250	00782010
11"	275	00782011
12"	300	00782012



ART. 820
MANICO PLASTICA
PER FAMIGLIE
plastic handle, for families

TIGER

inch	mm	COD.
6"	150	00782106
7"	175	00782107
8"	200	00782108
9"	225	00782109
10"	250	00782110
11"	275	00782111
12"	300	00782112



ART. 821
MANICO LEGNO
PER FAMIGLIE
wooden handle, for families

JAGUAR

inch	mm	COD.
9"	225	00782209
10"	250	00782210
11"	275	00782211
12"	300	00782212



ART. 822
MANICO LEGNO
PER MACELLAI
wooden handle, for butchers

JAGUAR OVAL **JAGUAR OVALE**

inch	mm	COD.
12"	300	00782412



ART. 824
SUPER PROFESSIONALE
PER MACELLAI
super-professional
for butchers

RASPE PER LEGNO RASPS FOR WOOD

Realizzate a partire da una barra di acciaio speciale, tramite lavorazioni meccaniche di fucinatura, molatura e intagliatura.

Vengono poi sottoposte a trattamento termico di cementazione. Eccezionale uniformità della forma e della profondità dei denti. Le raspe tipo Sicilia sono picchiettate a mano: la casualità dei colpi permette di ottenere superfici lavorate particolarmente lisce. Per la lavorazione di legno, piombo, alluminio, leghe leggere, materiali plastici, cuoio.

Made starting from a bar of special steel with a high degree of carbide, through forging, grinding and notching.

Then they are case-hardened. Exceptional uniformity of shape and depth of the teeth. Rasps model "Sicily" are still hand-notched: the casualness of the notches on the rasps permits to obtain very smooth worked surfaces. Suitable to work wood, lead, aluminium, light alloys, plastics and leather.

Réalisées à partir d'une barre d'acier spécial, par l'intermédiaire des travaux mécaniques de forgeage, meulage et gravure. Les râpes viennent puis soumis au traitement thermique de cémentation. Exceptionnelle uniformité de la forme et de la profondeur des dents. Les râpes de type Sicile sont tambourinées à la main: le hasard des coups permet d'obtenir une surface travaillée particulièrement lisse. Pour le travail de bois, aluminium, plastique, peau.

Fabricadas a partir de una barra de acero especial, mediante elaboración mecánica de forja, amoladura y entalladura. Posteriormente se someten a tratamiento térmico de cementación. Excepcional uniformidad de la forma y de la profundidad de los dientes. Las raspas tipo "Sicilia" son punteadas a mano: la casualidad de los golpes permite obtener unas superficies trabajadas particularmente lisas. Para trabajar la madera, plomo, aluminio, aleaciones ligeras, materiales plásticos, cuero.

PIATTE HAND



inch mm	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE
	COD.	COD.	COD.
4 100		010P204	
6 150	010P106	010P206	
8 200	010P108	010P208	010P308
10 250	010P110	010P210	
12 300	010P112	010P212	
14 350	010P114	010P214	

MEZZOTONDE HALF ROUND



inch mm	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE
	COD.	COD.	COD.
4 100		010M204	
6 150	010M106	010M206	010M306
8 200	010M108	010M208	010M308
10 250	010M110	010M210	010M310
12 300	010M112	010M212	
14 350	010M114	010M214	

TONDE ROUND



inch mm	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE
	COD.	COD.	COD.
4 100		010T204	
6 150	010T106	010T206	010T306
8 200	010T108	010T208	010T308
10 250	010T110	010T210	010T310
12 300	010T112	010T212	010T312
14 350	010T114	010T214	

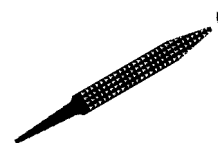
CABINET CABINET

	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE	dead smooth DOPPIO DOLCE
inch mm	COD.	COD.	COD.	COD.
4 100		010C204		
6 150	010C106	010C206	010C306	
8 200	010C108	010C208	010C308	
10 250	010C110	010C210	010C310	
12 300	010C112	010C212	010C312	
14 350	010C114	010C214		



SICILY TYPE, hand notched TIPO SICILIA, picchiettate a mano

	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE	dead smooth DOPPIO DOLCE
inch mm	COD.	COD.	COD.	COD.
6 150	010S106	010S206	010S306	
8 200	010S108	010S208	010S308	010S408
10 250	010S110	010S210	010S310	010S410
12 300	010S112	010S212	010S312	



HAND SHOE RASPS RASPE PER CALZOLAIO

	2nd MEZZODOLCE
inch mm	COD.
6 150	010CM206
8 200	010CM208



MODEL MAKER RASPS FORETTE

	2nd MEZZODOLCE
inch mm	COD.
6 150	010FO206
8 200	010FO208
10 250	010FO210



HORSE RASPS RASPE PER MANISCALCO

	handled CON MANICO
inch mm	COD.
14 350	010M14

	full INTERA
inch mm	COD.
14 350	010MA14



RASPE PER LEGNO MANICATE RASPS FOR WOOD WITH HANDLE

Realizzate a partire da una barra di acciaio speciale, tramite lavorazioni meccaniche di fucinatura, molatura e intagliatura. Vengono poi sottoposte a trattamento termico di cementazione. Eccezionale uniformità della forma e della profondità dei denti. Le raspe tipo Sicilia sono picchiettate a mano: la casualità dei colpi permette di ottenere superfici lavorate particolarmente lisce. Per la lavorazione di legno, piombo, alluminio, leghe leggere, materiali plastici, cuoio. Disponibili con 3 diversi manici: in legno con foggia ergonomica (manico "Legno"); in plastica con foggia ergonomica e foro appendibile, nelle versioni gialla o rossa (manico "Special Plast"). Se non vengono indicate preferenze, verrà fornita la versione con manico Special Plast giallo.

Made starting from a bar of special steel with a high degree of carbide, through forging, grinding and notching. Then they are case-hardened. Exceptional uniformity of shape and depth of the teeth.. Rasps model "Sicily" are still hand-notched: the casualness of the notches on the rasps permits to obtain very smooth worked surfaces. Suitable to work wood, lead, aluminium, light alloys, plastics and leather. Three different handles are available: wooden with ergonomical shape (handle "Wooden"); plastic with hanging hole, coloured yellow or red (handles "Special Plast"). If no preference is indicated, files with yellow Special Plast handle will be supplied.

Réalisées à partir d'une barre d'acier spécial, par l'intermédiaire des travaux mécaniques de forgeage, meulage et gravure. Les râpes viennent puis soumis au traitement thermique de cémentation. Exceptionnelle uniformité de la forme et de la profondeur des dents. Les râpes de type Sicile sont tambourinées à la main: le hasard des coups permet d'obtenir une surface travaillée particulièrement lisse. Pour le travail de bois, aluminium, plastique, peau. Disponibles avec 3 différents manches: bois avec la forme ergonomique (manche "Legno"); plastique avec forme ergonomique, en coloris jaune ou rouge (manche "Special Plast").

Fabricadas a partir de una barra de acero especial, mediante elaboración mecánica de forja, amoladura y entalladura. Posteriormente se someten a tratamiento térmico de cementación. Excepcional uniformidad de la forma y de la profundidad de los dientes. Las raspas tipo "Sicilia" son punteadas a mano: la casualidad de los golpes permite obtener unas superficies trabajadas particularmente lisas. Para trabajar la madera, plomo, aluminio, aleaciones ligeras, materiales plásticos, cuero. Disponibles con tres tipos de mango: en madera con forma ergonómica (mango "Legno"); en plástico con forma ergonómica y agujero para colgar, en las versiones amarilla o roja (mango "Special Plast"). Si no se indican preferencias se suministrará la versión con mango "Special Plast" amarillo.



PIATTE HAND

	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE
inch mm	COD.	COD.	COD.
4 100		010P204M	
6 150	010P106M	010P206M	
8 200	010P108M	010P208M	010P308M
10 250	010P110M	010P210M	
12 300	010P112M	010P212M	
14 350	010P114M	010P214M	



MEZZOTONDE HALF ROUND

	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE
inch mm	COD.	COD.	COD.
4 100		010M204M	
6 150	010M106M	010M206M	010M306M
8 200	010M108M	010M208M	010M308M
10 250	010M110M	010M210M	010M310M
12 300	010M112M	010M212M	
14 350	010M114M	010M214M	



TONDE ROUND

	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE
inch mm	COD.	COD.	COD.
4 100		010T204M	
6 150	010T106M	010T206M	010T306M
8 200	010T108M	010T208M	010T308M
10 250	010T110M	010T210M	010T310M
12 300	010T112M	010T212M	010T312M
14 350	010T114M	010T214M	

CABINET CABINET

inch mm	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE	dead smooth DOPPIO DOLCE
	COD.	COD.	COD.	COD.
4 100		010C204M		
6 150	010C106M	010C206M	010C306M	
8 200	010C108M	010C208M	010C308M	
10 250	010C110M	010C210M	010C310M	
12 300	010C112M	010C212M	010C312M	
14 350	010C114M	010C214M		



SICILY SICILIA

inch mm	bastard BASTARDO	2nd MEZZODOLCE	smooth DOLCE	dead smooth DOPPIO DOLCE
	COD.	COD.	COD.	COD.
6 150	010S106M	010S206M	010S306M	
8 200	010S108M	010S208M	010S308M	010S408M
10 250	010S110M	010S210M	010S310M	010S410M
12 300	010S112M	010S212M	010S312M	



HAND 1/2 FILE 1/2 RASP 1/2 LIMA 1/2 RASPA

inch mm	2nd MEZZODOLCE
	COD.
6 150	010LR206M
8 200	010LR208M

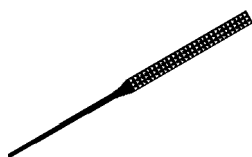


SETS ASSORTIMENTI

DESCR.	bastard BASTARDO	2nd MEZZODOLCE
	COD.	COD.
6" 150mm hand, cabinet, round		
6" 150mm PIATTA, CABINET, TONDA	010806	010807
8" 200mm hand, cabinet, round		
8" 200mm PIATTA, CABINET, TONDA	010808	010809
10" 250mm hand, cabinet, round		
10" 250mm PIATTA, CABINET, TONDA	010810	010811



RASPE AD AGO NEEDLE RASPS



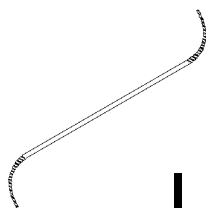
DESCR.	COD.	L 140	L 160
hand			
PIATTA	021RP140		021RP160
half round			
MEZZOTONDA	021RM140		021RM160
round			
TONDA	021RT140		021RT160
threesquare			
TRIANGOLARE	021RTR140		021RTR160
square			
QUADRA	021RQ140		021RQ160
flat			
PIATTA A PUNTA	021RPP140		021RPP160

ASSORTIMENTI SETS



COD.	DESCR.
021140	6 pz (mm 140)
021160	6 pz (mm 160)

RIFLOIR A RASPA RIFFLER RASPS



DESCR.	COD.	L 200
hand		
PIATTA	022RP210	
flat		
PIATTA A PUNTA	022RPP210	
half round		
MEZZO TONDA	022RM210	
round		
TONDA	022RT210	
square		
QUADRA	022RQ210	
threesquare		
TRIANGOLARE	022RTR210	
knife		
A COLTELLO	022RC210	
almond		
A MANDORLA	022RO210	

ASSORTIMENTI SETS



COD.	DESCR.
0221023	8 pz (mm 200)

WOODEN HANDLES **MANICI IN LEGNO**for files and rasps **per lime e raspe**

COD.	mm
070ML00	80
070ML01	90
070ML02	100
070ML03	110
070ML04	120
070ML05	130

for chisels **per scalpelli**

COD.	mm
070MSL	140

for carving tools **per utensili da intagliatore**

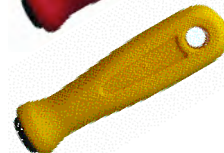
COD.	mm
070INFO	110

for turner tools **per utensili da tornitore**

COD.	mm
070TO	380

PLASTIC HANDLES **MANICI IN PLASTICA**for files and rasps **per lime e raspe**

yellow GIALLO		red ROSSO	
COD.	mm	COD.	mm
070MG00	65		
070MG01	86	070MR01	86
070MG02	110	070MR02	110
070MG04	125	070MR04	125

for needle files **per lime ad ago**

COD.	mm
070MC	86

for chisels **per scalpelli**

COD.	mm
070MSP	120

for saws **per seghetti**

COD.	mm
074M	300x16

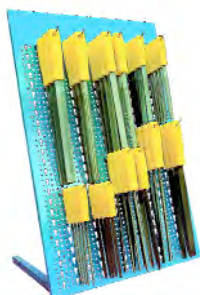
FILE BRUSH **SPAZZOLA PER LIME**

COD.	mm
024SL40	40



ESPOSITORI DISPLAYS

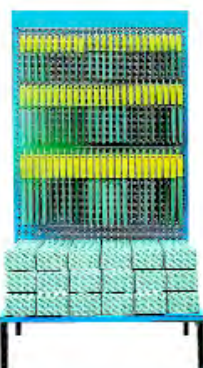
LIME MANICATE HANDLED FILES



COD.	DESCR.	TG.	FORME shapes
0022072	72 pz (6 x 6", 8", 10")	2nd MEZZODOLCE	■ ◐ ● ▲
0022072B	72 pz (6 x 6", 8", 10")	bastard BASTARDO	■ ◐ ● ▲
0023072	72 pz blister (6 x 6", 8", 10")	2nd MEZZODOLCE	■ ◐ ● ▲
0023072B	72 pz blister (6 x 6", 8", 10")	bastard BASTARDO	■ ◐ ● ▲

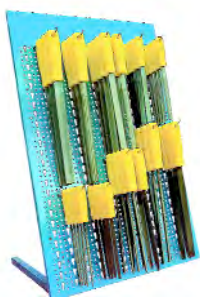


0022090	90 pz (6 x 6", 8", 10")	2nd MEZZODOLCE	■ ◐ ● ▲ ■
0022090B	90 pz (6 x 6", 8", 10")	bastard BASTARDO	■ ◐ ● ▲ ■



0022180	180 pz (12+12 x 6", 8", 10")	2nd bastard MEZZODOLCE BASTARDO	■ ◐ ● ▲ ■
0022480	480 pz (12+12 x 6", 8", 10", 12")	2nd bastard MEZZODOLCE BASTARDO	■ ◐ ● ▲ ■
0022432	432 pz (12+12 x 6", 8", 10")	2nd bastard MEZZODOLCE BASTARDO	■ ◐ ● ▲ ■ ▶
0023180	180 pz blister (6+6 x 6", 8", 10")	2nd bastard MEZZODOLCE BASTARDO	■ ◐ ● ▲ ■

RASPE MANICATE HANDLED RASPS



COD.	DESCR.	TG.	FORME shapes
0108072	72 pz (6 x 6", 8", 10")	2nd MEZZODOLCE	■ ◐ ◑ ●
0108072B	72 pz (6 x 6", 8", 10")	bastard BASTARDO	■ ◐ ◑ ●