



PRECISION FILES
PRÄZISIONS FEILEN
LIMAS DE PRECISÃO

401 - Hand Sharp Edges - Flach Scharfkantig - Paralelas Cantos Vivos



Length & Cross Sections								
Length	140 mm	160 mm	180mm	200 mm	250 mm	300 mm	350 mm	400 mm
CardBoard Box	12 files	12 files	12 files	12 files	-	-	-	-
Dz / Kg	0,08	0,12	0,15	0,20	-	-	-	-

Ordering Codes								
Cut 0 - Coarse	4010140	4010160	4010180	4010200	-	-	-	-
Cut 1 - Bastard	4011140	4011160	4011180	4011200	-	-	-	-
Cut 2 - Second	4012140	4012160	4012180	4012200	-	-	-	-
Cut 3 - Smooth	4013140	4013160	4013180	4013200	-	-	-	-
Cut 3 - Dead Smooth	4014140	4013160	4014180	4014200	-	-	-	-

402 - Hand Round Edges - Flach Rundkantig - Paralela Cantos Redondos



Length & Cross Sections								
Length	140 mm	160 mm	180mm	200 mm	250 mm	300 mm	350 mm	400 mm
CardBoard Box	12 files	12 files	12 files	12 files	-	-	-	-
Dz / Kg	0,08	0,12	0,15	0,20	-	-	-	-

Ordering Codes								
Cut 0 - Coarse	4020140	4020160	4020180	4020200	-	-	-	-
Cut 1 - Bastard	4021140	4021160	4021180	4021200	-	-	-	-
Cut 2 - Second	4022140	4022160	4022180	4022200	-	-	-	-
Cut 3 - Smooth	4023140	4023160	4023180	4023200	-	-	-	-
Cut 3 - Dead Smooth	4024140	4024160	4024180	4024200	-	-	-	-

403 - Flat Sharp Edges - Flachspitz Scharfkantig - Chata Cantos Vivos



Length & Cross Sections								
Length	140 mm	160 mm	180mm	200 mm	250 mm	300 mm	350 mm	400 mm
CardBoard Box	12 files	12 files	12 files	12 files	-	-	-	-
Dz / Kg	0,08	0,12	0,15	0,20	-	-	-	-

Ordering Codes								
Cut 0 - Coarse	4030140	4030160	4030180	4030200	-	-	-	-
Cut 1 - Bastard	4031140	4031160	4031180	4031200	-	-	-	-
Cut 2 - Second	4032140	4032160	4032180	4032200	-	-	-	-
Cut 3 - Smooth	4033140	4033160	4033180	4033200	-	-	-	-
Cut 3 - Dead Smooth	4034140	4034160	4034180	4034200	-	-	-	-

404 - Flat Round Edges - Flachspitz Rundkantig -
Chata Cantos Redondos



Length & Cross Sections

Length	140 mm	160 mm	180mm	200 mm	250 mm	300 mm	350 mm	400 mm
CardBoard Box	12 files	12 files	12 files	12 files	-	-	-	-
Dz / Kg	0,08	0,12	0,15	0,20	-	-	-	-

Ordering Codes

Cut 0 - Coarse	4040140	4040160	4040180	4040200	-	-	-	-
Cut 1 - Bastard	4041140	4041160	4041180	4041200	-	-	-	-
Cut 2 - Second	4042140	4042160	4042180	4042200	-	-	-	-
Cut 3 - Smooth	4043140	4043160	4043180	4043200	-	-	-	-
Cut 3 - Dead Smooth	4044140	4044160	4044180	4044200	-	-	-	-

405 - Half Round - Halbrund - Meia Cana



Length & Cross Sections

Length	140mm	160 mm	180mm	200 mm	250 mm	300 mm	350 mm	400 mm
CardBoard Box	12 files	12 files	12 files	12 files	-	-	-	-
Dz / Kg	0,08	0,12	0,15	0,20	-	-	-	-

Ordering Codes

Cut 0 - Coarse	4050140	4050160	4050180	4050200	-	-	-	-
Cut 1 - Bastard	4051140	4051160	4051180	4051200	-	-	-	-
Cut 2 - Second	4052140	4052160	4052180	4052200	-	-	-	-
Cut 3 - Smooth	4053140	4053160	4053180	4053200	-	-	-	-
Cut 3 - Dead Smooth	4054140	4054160	4054180	4054200	-	-	-	-

406 - Three Square - Dreikant - Triangular



Length & Cross Sections

Length	140 mm	160 mm	180mm	200 mm	250 mm	300 mm	350 mm	400 mm
CardBoard Box	12 files	12 files	12 files	12 files	-	-	-	-
Dz / Kg	0,08	0,12	0,15	0,20	-	-	-	-

Ordering Codes

Cut 0 - Coarse	4060140	4060160	4060180	4060200	-	-	-	-
Cut 1 - Bastard	4061140	4061160	4061180	4061200	-	-	-	-
Cut 2 - Second	4062140	4062160	4062180	4062200	-	-	-	-
Cut 3 - Smooth	4063140	4063160	4063180	4063200	-	-	-	-
Cut 3 - Dead Smooth	4064140	4064160	4064180	4064200	-	-	-	-

407 - Square - Vierkant - Quadrados



Length & Cross Sections								
Length	140 mm	160 mm	180mm	200 mm	250 mm	300 mm	350 mm	400 mm
CardBoard Box	12 files	12 files	12 files	12 files	-	-	-	-
Dz / Kg	0,08	0,12	0,15	0,20	-	-	-	-

Ordering Codes								
Cut 0 - Coarse	4070140	4070160	4070180	4070200	-	-	-	-
Cut 1 - Bastard	4071140	4071160	4071180	4071200	-	-	-	-
Cut 2 - Second	4072140	4072160	4072180	4072200	-	-	-	-
Cut 3 - Smooth	4073140	4073160	4073180	4073200	-	-	-	-
Cut 3 - Dead Smooth	4074140	4074160	4074180	4074200	-	-	-	-

408 - Round - Rund - Redonda



Length & Cross Sections								
Length	140 mm	160 mm	180mm	200 mm	250 mm	300 mm	350 mm	400 mm
CardBoard Box	12 files	12 files	12 files	12 files	-	-	-	-
Dz / Kg	0,08	0,12	0,15	0,20	-	-	-	-

Ordering Codes								
Cut 0 - Coarse	4080140	4080160	4080180	4080200	-	-	-	-
Cut 1 - Bastard	4081140	4081160	4081180	4081200	-	-	-	-
Cut 2 - Second	4082140	4082160	4082180	4082200	-	-	-	-
Cut 3 - Smooth	4083140	4083160	4083180	4083200	-	-	-	-
Cut 3 - Dead Smooth	4084140	4084160	4084180	4084200	-	-	-	-

409 - Knife - Messer - Faca



Length & Cross Sections								
Length	140 mm	160 mm	180mm	200 mm	250 mm	300 mm	350 mm	400 mm
CardBoard Box	12 files	12 files	12 files	12 files	-	-	-	-
Dz / Kg	0,08	0,12	0,15	0,20	-	-	-	-

Ordering Codes								
Cut 0 - Coarse	4090140	4090160	4090180	4090200	-	-	-	-
Cut 1 - Bastard	4091140	4091160	4091180	4091200	-	-	-	-
Cut 2 - Second	4092140	4092160	4092180	4092200	-	-	-	-
Cut 3 - Smooth	4093140	4093160	4093180	4093200	-	-	-	-
Cut 3 - Dead Smooth	4094140	4094160	4094180	4094200	-	-	-	-

410 - Crossing - Vogelzunge - Amendoada



Length & Cross Sections								
Length	140 mm	160 mm	180mm	200 mm	250 mm	300 mm	350 mm	400 mm
CardBoard Box	12 files	12 files	12 files	12 files	-	-	-	-
Dz / Kg	0,08	0,12	0,15	0,20	-	-	-	-

Ordering Codes								
Cut 0 - Coarse	4100140	4100160	4100180	4100200	-	-	-	-
Cut 1 - Bastard	4101140	4101160	4101180	4101200	-	-	-	-
Cut 2 - Second	4102140	4102160	4102180	4102200	-	-	-	-
Cut 3 - Smooth	4103140	4103160	4103180	4103200	-	-	-	-
Cut 3 - Dead Smooth	4104140	4104160	4104180	4104200	-	-	-	-

412 - Barrete - Barett - Barrete



Length & Cross Sections								
Length	140 mm	160 mm	180mm	200 mm	250 mm	300 mm	350 mm	400 mm
CardBoard Box	12 files	12 files	12 files	12 files	-	-	-	-
Dz / Kg	0,08	0,12	0,15	0,20	-	-	-	-

Ordering Codes								
Cut 0 - Coarse	4120140	4120160	4120180	4120200	-	-	-	-
Cut 1 - Bastard	4121140	4121160	4121180	4121200	-	-	-	-
Cut 2 - Second	4122140	4122160	4122180	4122200	-	-	-	-
Cut 3 - Smooth	4123140	4123160	4123180	4123200	-	-	-	-
Cut 3 - Dead Smooth	4124140	4124160	4124180	4124200	-	-	-	-

414 - Featheredge - Schwert - Espada

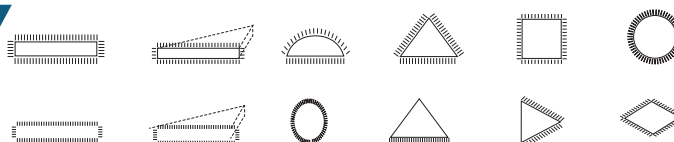


Length & Cross Sections								
Length	140 mm	160 mm	180mm	200 mm	250 mm	300 mm	350 mm	400 mm
CardBoard Box	12 files	12 files	12 files	12 files	-	-	-	-
Dz / Kg	0,08	0,12	0,15	0,20	-	-	-	-

Ordering Codes								
Cut 0 - Coarse	4140140	4140160	4140180	4140200	-	-	-	-
Cut 1 - Bastard	4141140	4141160	4141180	4141200	-	-	-	-
Cut 2 - Second	4142140	4142160	4142180	4142200	-	-	-	-
Cut 3 - Smooth	4143140	4143160	4143180	4143200	-	-	-	-
Cut 3 - Dead Smooth	4144140	4144160	4144180	4144200	-	-	-	-

**415 - File Set 6 Shapes - Satz mit 6 Formen -
Jogo 6 tipos**


Length & Cross Sections								
Length	140 mm	160 mm	180mm	200 mm	250 mm	300 mm	350 mm	400 mm
CardBoard Box	6 files	6 files	6 files	6 files	-	-	-	-
Ordering Codes								
Cut 0 - Coarse	4150140	4150160	4150180	4150200	-	-	-	-
Cut 1 - Bastard	4151140	4151160	4151180	4151200	-	-	-	-
Cut 2 - Second	4152140	4152160	4152180	4152200	-	-	-	-
Cut 3 - Smooth	4153140	4153160	4153180	4153200	-	-	-	-
Cut 3 - Dead Smooth	4154140	4154160	4154180	4154200	-	-	-	-

**400 - File Set 12 shapes - Satz mit 12
Formen - Jogo 12 Tipos**


Length & Cross Sections								
Length	140 mm	160 mm	180mm	200 mm	250 mm	300 mm	350 mm	400 mm
CardBoard Box	12 files	12 files	12 files	12 files	-	-	-	-
Ordering Codes								
Cut 0 - Coarse	4000140	4000160	4000180	4000200	-	-	-	-
Cut 1 - Bastard	4001140	4001160	4001180	4001200	-	-	-	-
Cut 2 - Second	4002140	4002160	4002180	4002200	-	-	-	-
Cut 3 - Smooth	4003140	4003160	4003180	4003200	-	-	-	-
Cut 3 - Dead Smooth	4004140	4004160	4004180	4004200	-	-	-	-



KÖRNUNG* ° GRIT*

D181	1 = grob ° coarse
D126	2 = universal ° medium
D91	3 = fein ° fine
D64	4 = extrafein ° extrafine

Needle Files



						100	140	160	200	grit/grão grain/grano
DNF		hand	flach	plana		4 x 1	5,5 x 1,5	6 x 1,5	8 x 2	1 • 2 • 3
DNH		halfround	halbrund	meia cana		3,5 x 1,5	5 x 2	6 x 2,5	7 x 3	1 • 2 • 3
DND		3square	dreikant	triângular		2,5	3,5	4,5	5	1 • 2 • 3
DNV		square	vierkant	quadrada		2	3	3	4	1 • 2 • 3
DNR		round	rund	redonda		1,5-1	3,0-1	4,0-1	4,5-1	1 • 2 • 3
DNS		set	set	jogo						

SECONDS HOLE FILES

SECONDS HOLE FILES						100	140	160	200	grit/grão grain/grano
DZF		hand	flach	plana		4 x 1				2 • 3 • 4
DZH		halfround	halbrund	meia cana		3,5 x 1,5				2 • 3 • 4
DZD		3square	dreikant	triângular		2,5				2 • 3 • 4
DZV		square	vierkant	quadrada		2				2 • 3 • 4
DZR		round	rund	redonda		1,5-1				2 • 3 • 4
DZS		set	set	jogo						

HANDY FILES

HANDY FILES						100	140	160	200	grit/grão grain/grano
DHF		hand	flach	plana					10 X 3	1 • 2 • 3
DHH		halfround	halbrund	meia cana					11 X 3,5	1 • 2 • 3
DHD		3square	dreikant	triângular					10	1 • 2 • 3
DHV		square	vierkant	quadrada					5	1 • 2 • 3
DHR		round	rund	redonda					7-1,5	1 • 2 • 3
DHS		set	set	jogo						

ESCAPMENT FILES

ESCAPMENT FILES						100	140	160	200	grit/grão grain/grano
DEF		hand	flach	plana			4 X 1			2 • 3 • 4
DEH		halfround	halbrund	meia cana			3,5 X 1,5			2 • 3 • 4
DED		3square	dreikant	triângular			3			2 • 3 • 4
DEV		square	vierkant	quadrada			2			2 • 3 • 4
DER		round	rund	redonda			1-0,8			2 • 3 • 4
DES		set	set	jogo						

RIFFLER FILES

RIFFLER FILES						100	140	160	200	grit/grão grain/grano
DRF		hand	flach	plana				3 x 1,5	7,5 x 4	1 • 2 • 3
DRH		halfround	halbrund	meia cana				4 x 2	9,5 x 4	1 • 2 • 3
DRD		3square	dreikant	triângular				2	6,5	1 • 2 • 3
DRV		square	vierkant	quadrada				2	6	1 • 2 • 3
DRR		round	rund	redonda			3-1	4	1 • 2 • 3	
DRS		set	set	jogo						

FORM FILES

FORM FILES						100	140	160	200	grit/grão grain/grano
DPF		hand	flach	plana		10,5 x 1,5	12 x 3,5	13 x 4	20 x 4	1 • 2 • 3
DPH		halfround	halbrund	meia cana		9 x 3,5	12 x 4,5	16 x 5,5	21 x 6	1 • 2 • 3
DPD		3square	dreikant	triângular		5	8	9,5	14	1 • 2 • 3
DPV		square	vierkant	quadrada		3,5	5,5	6	8	1 • 2 • 3
DPR		round	rund	redonda		3-1	5-2	6-2	8-2	1 • 2 • 3
DPS		set	set	jogo						

GDS

GOLDEN DIAMONDFILE - SET - 160 mm
GOLDENER DIAMANTFEILEN - SATZ - 160 MM
JOGO DE LIMAS DIAMANTADAS - 160 MM

5 SHAPES IN
PLASTIC POUCH



