

**050**

**HALF ROUND**






Lima Meia Cana  
Demi-Ronde  
Media Caña

Half Round File, tapered, with double cut on both sides.  
Cut 1 - Coarse Cut 2 - Medium Cut 3 - Smooth

Lima meia cana com picado duplo nas duas faces  
Cut 1 - Picado Bastardo Cut 2 - Picado Meio Murço Cut 3 - Picado Murço

Usos: Para limar superfícies côncavas e grandes furos.  
Use: To file curved workpieces and big holes.  
Emploi: Pour limer des surfaces concaves et des grands trous.  
Usos: Para limar superfícies côncavas y agujeros grandes.

Ordering Code						
Type	Cut	Size	A	B	Dz, Kg	
001	1 2 3	100	10,0	3,0	0,22	12
001	1 2 3	125	15,0	4,0	0,38	12
001	1 2 3	150	15,0	4,0	0,60	12
001	1 2 3	200	20,0	5,5	1,50	12
001	1 2 3	250	24,0	7,0	2,90	12
001	1 2 3	300	29,0	8,2	5,30	12
001	1 2 3	350	34,0	9,5	7,70	6
001	1 2 3	400	39,0	11,0	10,40	6

Example of ordering code: Half Round, Cut 2, 200mm  
Ordering code : 050 2 200

**060**

**ROUND**






Lima Redonda  
Ronde  
Redonda

Round File with double spiral cut.  
Cut 1 - Coarse Cut 2 - Medium Cut 3 - Smooth

Lima Redonda com picado duplo em espiral.  
Cut 1 - Picado Bastardo Cut 2 - Picado Meio Murço Cut 3 - Picado Murço

Usos: Para limar furos e superfícies redondas  
Use: To file holes and round notches.  
Emploi: Pour limer des trous et des entailles rondes.  
Usos: Para limar agujeros y superfícies redondas.

Ordering Code					
Type	Cut	Size	mm	Dz, Kg	
060	1 2 3	100	4,0	0,12	12
060	1 2 3	125	5,0	0,18	12
060	1 2 3	150	5,5	0,33	12
060	1 2 3	200	7,5	0,78	12
060	1 2 3	250	9,5	1,44	12
060	1 2 3	300	11,5	2,64	12
060	1 2 3	350	14,5	4,80	6
060	1 2 3	400	17,5	8,60	6
060	1 2 3	450	20,0	13,30	6

**070**

**KNIFE**






Lima Faca  
Couteau  
Cuchillo

Knife shaped file with triangular profile. Double cut on both sides. Narrow edge with single cut.  
Cut 1 - Coarse Cut 2 - Medium Cut 3 - Smooth

Lima Faca com perfil triangular. Picado duplo nas faces. Picado simples na borda mais estreita.  
Cut 1 - Picado Bastardo Cut 2 - Picado Meio Murço Cut 3 - Picado Murço

Usos: Para limar ângulos muito vivos e reentrâncias finas  
Use: For workpieces with sharp angles as dies etc. and saws.  
Emploi: Pour pièces aux angles aigus tels que moules etc.  
Usos: Para limar piezas con ângulos agudos y formas etc.

Ordering Code						
Type	Cut	Size	A	B	Dz, Kg	
070	1 2 3	100	11,8	2,5	0,22	12
070	1 2 3	125	14,0	3,7	0,36	12
070	1 2 3	150	17,0	4,5	0,66	12
070	1 2 3	200	21,0	5,0	1,25	12
070	1 2 3	250	26,0	6,5	2,40	12
070	1 2 3	300	30,0	7,0	4,10	12

**297**

**UNIV. FILE- HAND**






Lima Universal  
Universelle  
Universale

General purpose Rectangular file with single cut on both sides with chip breaker. One edge cut.

Lima Paralela multi uso. Faces com picado simples e «Chip Breaker». Um canto Picado.

Usos: Para limar metais macios e plásticos duros. Evita que o material fique entre os dentes da lima.  
Use: Designed to file mild steel, tool steel, lightmetal alloys and hard plastic. For rapid removal and smoother finish.  
Emploi: Particulièrement adaptée à l'acier doux, aux allages légers et au plastique dur. Pour limer plus vite, surface plus fine.  
Usos: Especial para aceros blandos, aleaciones blandas y plásticos duros. Para limar mas rapido, superficies mas finas.

Ordering Code						
Type	Cut	Size	A	B	Dz, Kg	
297	1 2 3	200	20,0	4,5	1,75	12
297	1 2 3	250	24,0	6,0	3,20	12
297	1 2 3	300	29,0	6,5	5,10	12