

**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

Uso: 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.  
Uso: Para limar superfícies côncavas y agujeros grandes.

| Ordering Code |       |      |  |      |  |  |
|---------------|-------|------|---|------|---|---|
| Type          | Cut   | Size | A   | B    |   |   |
| 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

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

| Ordering Code |       |      |  |  |  |
|---------------|-------|------|---|---|---|
| Type          | Cut   | Size |   |   |   |
| 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

Uso: 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.  
Uso: Para limar piezas con ângulos agudos y formas etc.

| Ordering Code |       |      |  |     |  |  |
|---------------|-------|------|---|-----|---|---|
| Type          | Cut   | Size | A   | B   |   |   |
| 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.

Uso: 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 alliges légers et au plastique dur. Pour limer plus vite, surface plus fine.  
Uso: Especial para aceros blandos, aleaciones blandas y plásticos duros. Para limar mas rapido, superficies mas finas.

| Ordering Code |       |      |  |     |  |  |
|---------------|-------|------|---|-----|---|---|
| Type          | Cut   | Size | A   | B   |   |   |
| 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  |