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# Acero para herrería

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# ACERO PARA HERRERÍA

## Ángulos



| DIMENSIONES |            | PESO                  |       |
|-------------|------------|-----------------------|-------|
| PULGADAS    | MILIMETROS | KG/PZA<br>( 6.10 MTS) |       |
| 1/8 x       | 3/4        | 19.0                  | 5.5   |
|             | 1          | 25.4                  | 7.3   |
|             | 1 1/4      | 3.2 x 31.7            | 9.2   |
|             | 1 1/2      | 38.1                  | 11.4  |
|             | 2          | 50.8                  | 15.1  |
| 3/16 x      | 1          | 25.4                  | 10.7  |
|             | 1 1/4      | 31.7                  | 13.6  |
|             | 1 1/2      | 38.1                  | 16.6  |
|             | 2          | 4.8 x 50.8            | 22.5  |
|             | 2 1/2      | 63.5                  | 28.5  |
| 1/4 x       | 3          | 76.2                  | 35.1  |
|             | 1          | 25.4                  | 13.6  |
|             | 1 1/4      | 31.7                  | 17.5  |
|             | 1 1/2      | 38.1                  | 21.3  |
|             | 2          | 6.3 x 50.8            | 29.0  |
| 5/16 x      | 2 1/2      | 63.5                  | 37.3  |
|             | 3          | 79.2                  | 44.5  |
|             | 4          | 101.2                 | 60.0  |
|             | 3          | 7.9 x 76.2            | 55.5  |
|             | 4          | 101.6                 | 74.5  |
| 3/8 x       | 5          | 127.0                 | 93.6  |
|             | 2          | 50.8                  | 42.7  |
|             | 2 1/2      | 63.5                  | 53.7  |
|             | 3          | 76.2                  | 65.5  |
|             | 4          | 9.5 x 101.6           | 89.1  |
| 1/2 x       | 5          | 127.0                 | 112.1 |
|             | 6          | 152.4                 | 136.1 |
|             | 3          | 76.2                  | 85.5  |
|             | 4          | 101.6                 | 116.4 |
|             | 5          | 12.7 x 127.0          | 147.2 |
|             | 6          | 152.4                 | 178   |

# ACERO PARA HERRERÍA

## Solera



| DIMENSIONES |            | PESO               |       |
|-------------|------------|--------------------|-------|
| PULGADAS    | MILIMETROS | KG/PZA ( 6.10 MTS) |       |
| 1/8 x       | 1/2        | 12.7               | 2     |
|             | 3/4        | 19.0               | 2.9   |
|             | 1          | 25.4               | 3.9   |
|             | 1 1/4      | 31.7               | 4.9   |
|             | 1 1/2      | 38.1               | 5.9   |
|             | 2          | 50.8               | 7.74  |
| 3/16 x      | 1/2        | 12.7               | 2.9   |
|             | 3/4        | 15.9               | 4.4   |
|             | 1          | 19.0               | 5.9   |
|             | 1 1/4      | 25.4               | 7.4   |
|             | 1 1/2      | 31.7               | 8.8   |
|             | 2          | 50.8               | 11.8  |
| 1/4 x       | 1/2        | 12.7               | 3.9   |
|             | 1          | 25.4               | 7.9   |
|             | 1 1/4      | 31.7               | 9.8   |
|             | 1 1/2      | 38.1               | 11.8  |
|             | 2          | 50.6               | 15.7  |
|             | 2 1/2      | 63.5               | 19.6  |
|             | 3          | 76.2               | 23.6  |
|             | 4          | 101.6              | 31.4  |
|             | 5          | 127.0              | 38.6  |
|             | 6          | 152.4              | 46.5  |
| 3/8 x       | 1 1/2      | 38.1               | 17.5  |
|             | 2          | 50.8               | 23.3  |
|             | 2 1/2      | 63.5               | 29.1  |
|             | 3          | 76.2               | 34.9  |
|             | 4          | 101.8              | 46.5  |
|             | 5          | 127.0              | 58.1  |
| 1/2 x       | 1 1/2      | 38.1               | 23.3  |
|             | 2          | 50.8               | 31    |
|             | 2 1/2      | 63.5               | 38.8  |
|             | 3          | 76.2               | 46.6  |
|             | 4          | 101.6              | 61.9  |
|             | 5          | 127.0              | 77.5  |
|             | 6          | 152.0              | 92.60 |

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\*Las dimensiones, pesos y tolerancias señalados, son teóricos (Puede haber una variación física del producto)

# ACERO PARA HERRERÍA

## Hss Redondo y Cuadrado

| REDONDOS      |                   |         |       |       |       |
|---------------|-------------------|---------|-------|-------|-------|
| DIAMETRO      |                   | ESPESOR |       |       | PESO  |
| NOMINAL PULG. | EXTERIOR PULG./MM | PULG    | PULG  | MM    | KG/M  |
| 4             | 4.5<br>114.3      | *1/8    | 0.125 | 3.18  | 8.7   |
|               |                   | 3/16    | 0.187 | 4.76  | 12.90 |
| 6             | 6.625<br>168.3    | *1/8    | 0.125 | 6.35  | 12.93 |
|               |                   | 3/16    | 0.187 | 7.92  | 19.25 |
|               |                   | 1/4     | 0.250 | 9.53  | 25.36 |
|               |                   | 5/16    | 0.312 | 3.18  | 31.34 |
|               |                   | 3/8     | 0.375 | 4.75  | 37.27 |
| 7             | 8.625<br>219.1    | 1/2     | 0.500 | 6.35  | 48.72 |
|               |                   | 3/16    | 0.187 | 12.70 | 25.24 |
| 8             | 10.750<br>273.1   | 1/4     | 0.250 | 4.75  | 33.30 |
|               |                   | 5/16    | 0.312 | 6.35  | 41.05 |
|               |                   | 3/8     | 0.375 | 7.92  | 49.21 |
|               |                   | 1/2     | 0.500 | 9.53  | 64.62 |
| 10            | 12.750<br>323.9   | 1/4     | 0.250 | 12.70 | 41.75 |
|               |                   | 3/8     | 0.375 | 4.75  | 61.89 |
|               |                   | 1/2     | 0.500 | 6.35  | 81.53 |
| 12            | 12.750<br>323.9   | 1/4     | 0.250 | 7.92  | 49.71 |
|               |                   | 3/8     | 0.375 | 9.53  | 73.82 |
|               |                   | 1/2     | 0.500 | 12.70 | 97.43 |

| CUADRADOS    |                  |       |       |       |
|--------------|------------------|-------|-------|-------|
| NOMINAL      |                  |       |       |       |
| DIMENSIONES  | ESPESOR DE PARED |       |       | PESO  |
| PULG./MM     | PULG             | PULG  | MM    | KG/M  |
| 4"<br>101.6  | *1/8             | 0.125 | 3.18  | 9.61  |
|              | 3/16             | 0.188 | 4.76  | 14.02 |
|              | 1/4              | 0.250 | 6.35  | 18.17 |
|              | 5/16             | 0.312 | 7.92  | 22.07 |
| 6"<br>152.4  | 3/8              | 0.375 | 9.53  | 25.70 |
|              | 1/2              | 0.500 | 12.70 | 36.80 |
| 8"<br>203.2  | 3/16             | 0.187 | 4.75  | 29.11 |
|              | 1/4              | 0.250 | 6.35  | 38.42 |
|              | 5/16             | 0.312 | 7.92  | 47.38 |
|              | 3/8              | 0.375 | 9.53  | 56.08 |
| 10"<br>254.0 | 1/2              | 0.500 | 12.70 | 72.69 |
|              | 3/16             | 0.187 | 4.75  | 36.80 |
|              | 1/4              | 0.250 | 6.35  | 48.55 |
|              | 5/16             | 0.312 | 7.92  | 60.04 |
| 12"<br>304.8 | 3/8              | 0.375 | 9.53  | 71.28 |
|              | 1/2              | 0.500 | 12.70 | 92.94 |



|                              |      |       |       |       |
|------------------------------|------|-------|-------|-------|
| 8" X 6"<br>203.2<br>X 152.4  | 3/16 | 0.187 | 4.75  | 25.42 |
|                              | 1/4  | 0.250 | 6.35  | 33.36 |
|                              | 5/16 | 0.312 | 7.92  | 41.05 |
|                              | 3/8  | 0.375 | 9.53  | 48.48 |
|                              | 1/2  | 0.500 | 12.70 | 62.57 |
| 10" X 6"<br>254.0<br>X 152.4 | 3/16 | 0.187 | 4.75  | 29.21 |
|                              | 1/4  | 0.250 | 6.35  | 38.42 |
|                              | 5/16 | 0.312 | 7.92  | 47.38 |
|                              | 3/8  | 0.375 | 9.53  | 56.08 |
|                              | 1/2  | 0.500 | 12.70 | 72.69 |
| 12" X 6"<br>304.8<br>X 152.4 | 3/16 | 0.187 | 4.75  | 33.00 |
|                              | 1/4  | 0.250 | 6.35  | 43.49 |
|                              | 5/16 | 0.312 | 7.92  | 53.72 |
|                              | 3/8  | 0.375 | 9.53  | 63.67 |
|                              | 1/2  | 0.500 | 12.70 | 82.82 |
| 12" X 8"<br>304.8<br>X 203.2 | 3/16 | 0.187 | 4.75  | 36.80 |
|                              | 1/4  | 0.250 | 6.35  | 48.55 |
|                              | 5/16 | 0.312 | 7.92  | 60.04 |
|                              | 3/8  | 0.375 | 9.53  | 71.28 |
|                              | 1/2  | 0.500 | 12.70 | 92.94 |

# ACERO PARA HERRERÍA

## Tubo Ced. 30



| DIMENSIONES EN PULGADAS |                   |         | PESO   |                   |
|-------------------------|-------------------|---------|--------|-------------------|
| DIÁMETRO NOMINAL        | DIÁMETRO EXTERIOR | ESPESOR | KGS/MT | KGS/PZ (6.00 MTS) |
| ½                       | 0.840             | .075    | 0.91   | 6.0               |
| ¾                       | 1.050             | .075    | 1.16   | 7.4               |
| 1                       | 1.315             | .075    | 1.48   | 9.2               |
| 1¼                      | 1.660             | .090    | 2.25   | 14.10             |
| 1½                      | 1.900             | .090    | 2.59   | 16.10             |
| 2                       | 2.375             | .105    | 3.79   | 23.10             |
| 2½                      | 2.875             | .105    | 4.72   | 28.30             |
| 3                       | 3.500             | .120    | 6.45   | 40.30             |
| 4                       | 4.500             | .120    | 8.36   | 51.60             |

## ACERO PARA HERRERÍA

### Tubo Ced. 40



| DIMENSIONES EN PULGADAS |                   |         | PESO   |                   |
|-------------------------|-------------------|---------|--------|-------------------|
| DIÁMETRO NOMINAL        | DIÁMETRO EXTERIOR | ESPESOR | KGS/MT | KGS/PZ (6.40 MTS) |
| ½                       | .840              | .109    | 1.23   | 8.62              |
| ¾                       | 1.050             | .113    | 1.65   | 10.81             |
| 1                       | 1.315             | .133    | 2.45   | 17.45             |
| 1¼                      | 1.660             | .140    | 3.28   | 21.48             |
| 1½                      | 1.900             | .145    | 3.92   | 24.65             |
| 2                       | 2.375             | .154    | 5.31   | 37.07             |
| 2½                      | 2.875             | .203    | 8.31   | 50.94             |
| 3                       | 3.500             | .216    | 10.25  | 77.56             |
| 4                       | 4.500             | .237    | 15.30  | 100.73            |
| 6                       | 6.625             | .188    | 18.45  | 123.84            |
| 6                       | 6.625             | .250    | 24.87  | 156.73            |
| 6                       | 6.625             | .280    | 27.30  | 175.74            |

## ACERO PARA HERRERÍA

### Varilla cuadrada

| DIMENSIONES |            | PESO                  |
|-------------|------------|-----------------------|
| PULGADAS    | MILIMETROS | KG/PZA<br>( 6.10 MTS) |
| 3/8         | 9.5        | 4.4                   |
| 12 mm       | 12 mm      | 6.8                   |
| 1/2         | 12.7       | 7.8                   |
| 5/8         | 15.9       | 12.3                  |
| 3/4         | 19.1       | 17.4                  |
| 1           | 25.4       | 31                    |



### Varilla Redonda Lisa

| MASA (peso/metro) |            |                   |
|-------------------|------------|-------------------|
| PULGADAS          | MILIMETROS | KG/PZA (6.10 MTS) |
| 3/8               | 9.5        | 3.5               |
| 1/2               | 12.7       | 6.2               |
| 5/8               | 15.9       | 9.6               |
| 3/4               | 19.1       | 13.9              |
| 1                 | 25.4       | 24.6              |



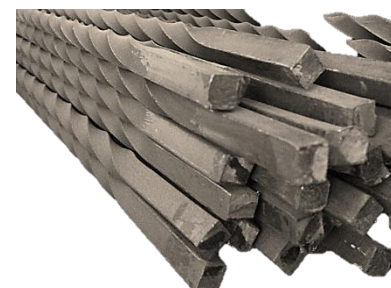
### Semiflecha

| MASA (peso/metro) |            |                   |
|-------------------|------------|-------------------|
| PULGADAS          | MILIMETROS | KG/PZA (6.10 MTS) |
| 3/16              | 4.80       | 0.85              |
| 1/4               | 6.30       | 1.53              |
| 5/16              | 7.90       | 2.38              |
| 3/8               | 9.50       | 3.42              |
| 1/2               | 12.70      | 6.04              |



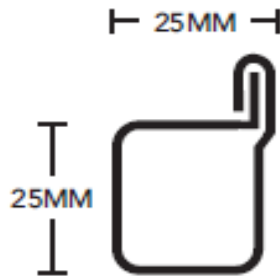
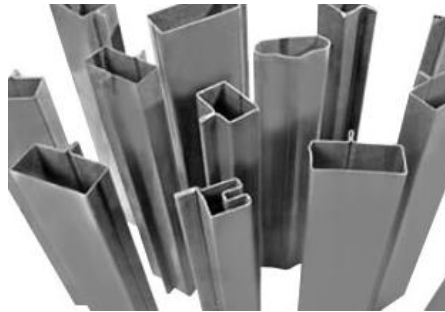
### Caramelo

| MASA (peso/metro) |                   |
|-------------------|-------------------|
| PULGADAS          | KG/PZA (6.10 MTS) |
| 3/8               | 4.6               |
| 1/2               | 8.2               |



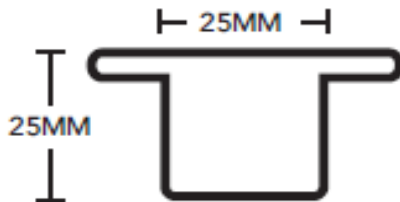
# ACERO PARA HERRERÍA

## Perfiles / Ventanas



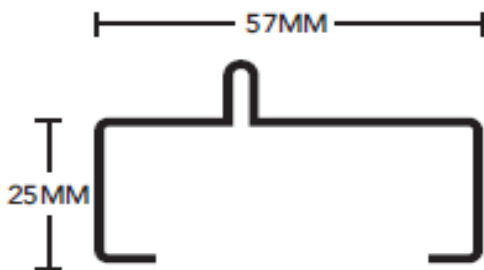
| 101 |        |
|-----|--------|
| CAL | KG/PZA |
| 20  | 5.5    |

ANGULO LISO, este perfil es el que forma la hoja de la ventana que tiene movimiento, sea corrediza o abatible, y su ceja sostiene el vidrio.



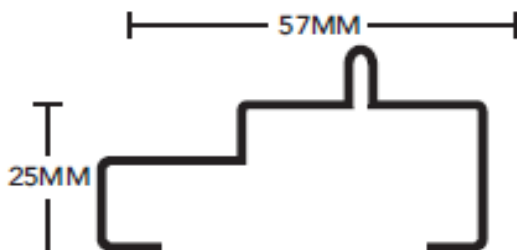
| 103 |        |
|-----|--------|
| CAL | KG/PZA |
| 20  | 6.5    |

"T" SENCILLA,, va en la parte central de la ventana corrediza ó abatible y sus cejas sirven para sostener el vidrio y/o el mosquitero.



| 121 |        |
|-----|--------|
| CAL | KG/PZA |
| 20  | 6.0    |

CHAMBRANA, se utiliza como marco de la ventana (superior y lateral en la corrediza y en la abatible los cuatro lados), y en su ceja se sostiene el vidrio y/o mosquitero.



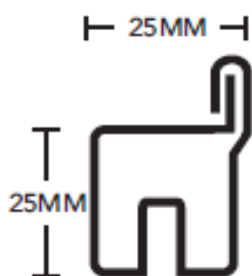
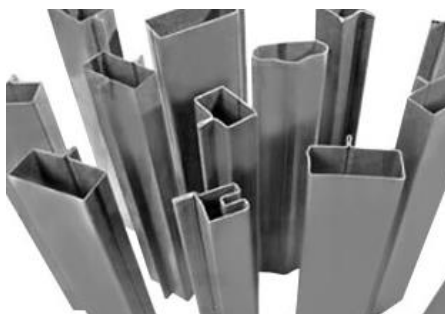
| 122 |        |
|-----|--------|
| CAL | KG/PZA |
| 20  | 6.0    |

ESCALONADO con una ceja, se usa en la parte inferior exclusivamente para ventana corrediza y en su ceja va montada la hoja que tiene el movimiento.



# ACERO PARA HERRERÍA

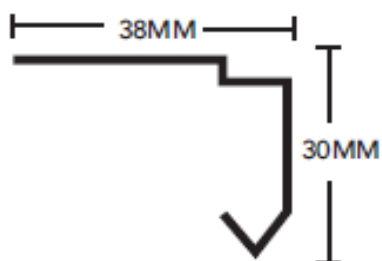
## Perfiles / Ventanas



**123**

| CAL | KG/PZA |
|-----|--------|
| 20  | 6.4    |

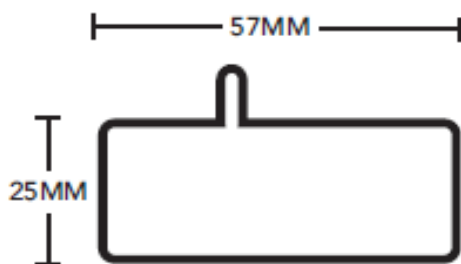
ANGULO RANURADO, va en la parte inferior de la hoja que tiene movimiento en la ventana corrediza. En su ceja se coloca el vidrio y su ranura va montada en la ceja del perfil 122



**124**

| CAL | KG/PZA |
|-----|--------|
| 18  | 4.1    |

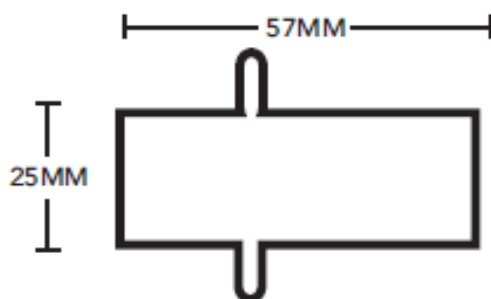
RIEL, este perfil va soldado al marco superior (chambrana) de la ventana corrediza y en el gancho va montada la hoja que tiene el movimiento



**126**

| CAL | KG/PZA |
|-----|--------|
| 20  | 7.6    |

CHAMBRANA CERRADA, se utiliza como marco de la ventana al igual que el perfil 121, pero con resistencia de se más resistente estructuralmente por ser un perfil cerrado.



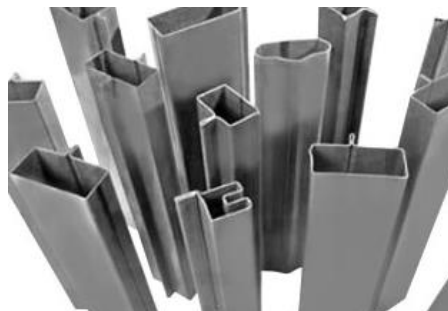
**127**

| CAL | KG/PZA |
|-----|--------|
| 20  | 8.5    |

"T" DOBLE, este perfil va en ventanas con fijos en la parte superior y en sus cejas tanto superior como inferior se colocan los vidrios y/o mosquiteros.

# ACERO PARA HERRERÍA

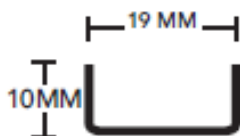
## Perfiles / Ventanas



**154**

| CAL | KG/PZA |
|-----|--------|
| 20  | 1.1    |

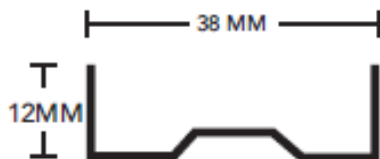
CANALETA, se utiliza como porta-vidrio ó junta-vidrio de la ventana. En algunas partes del país como marco ó sujetador de la tela mosquitero.



**155**

| CAL | KG/PZA |
|-----|--------|
| 20  | 1.4    |

CANALETA, tiene el mismo uso que el perfil anterior con la diferencia que al ser más ancho es más estructural ó resistente.



**156**

| CAL | KG/PZA |
|-----|--------|
| 20  | 2.4    |

CANALETA, se utiliza como falso plafón.

## PASAMANOS



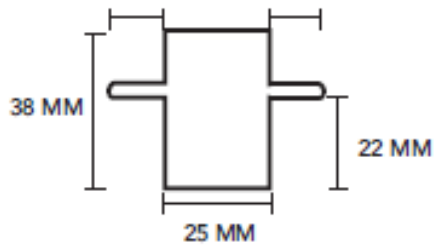
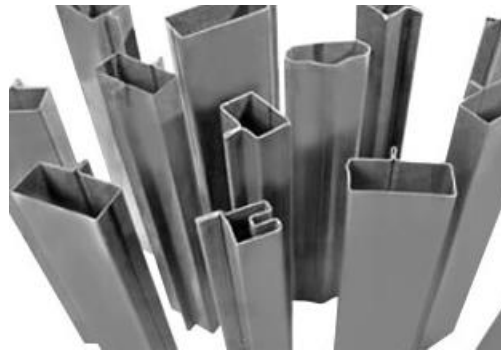
**160**

| CAL | KG/PZA |
|-----|--------|
| 20  | 6.5    |

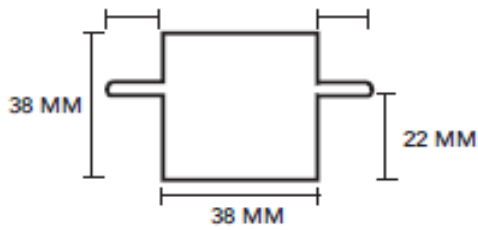
PASAMANOS

# ACERO PARA HERRERÍA

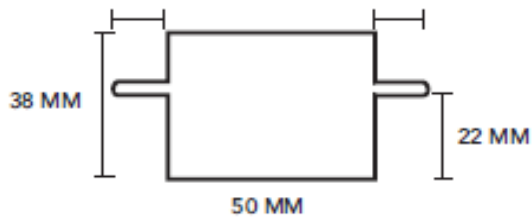
## Perfiles / Puertas



| NP-010 |        |
|--------|--------|
| CAL    | KG/PZA |
| 20     | 6.96   |



| NP-015 |        |
|--------|--------|
| CAL    | KG/PZA |
| 20     | 8.04   |



| NP-020 |        |
|--------|--------|
| CAL    | KG/PZA |
| 20     | 9.12   |

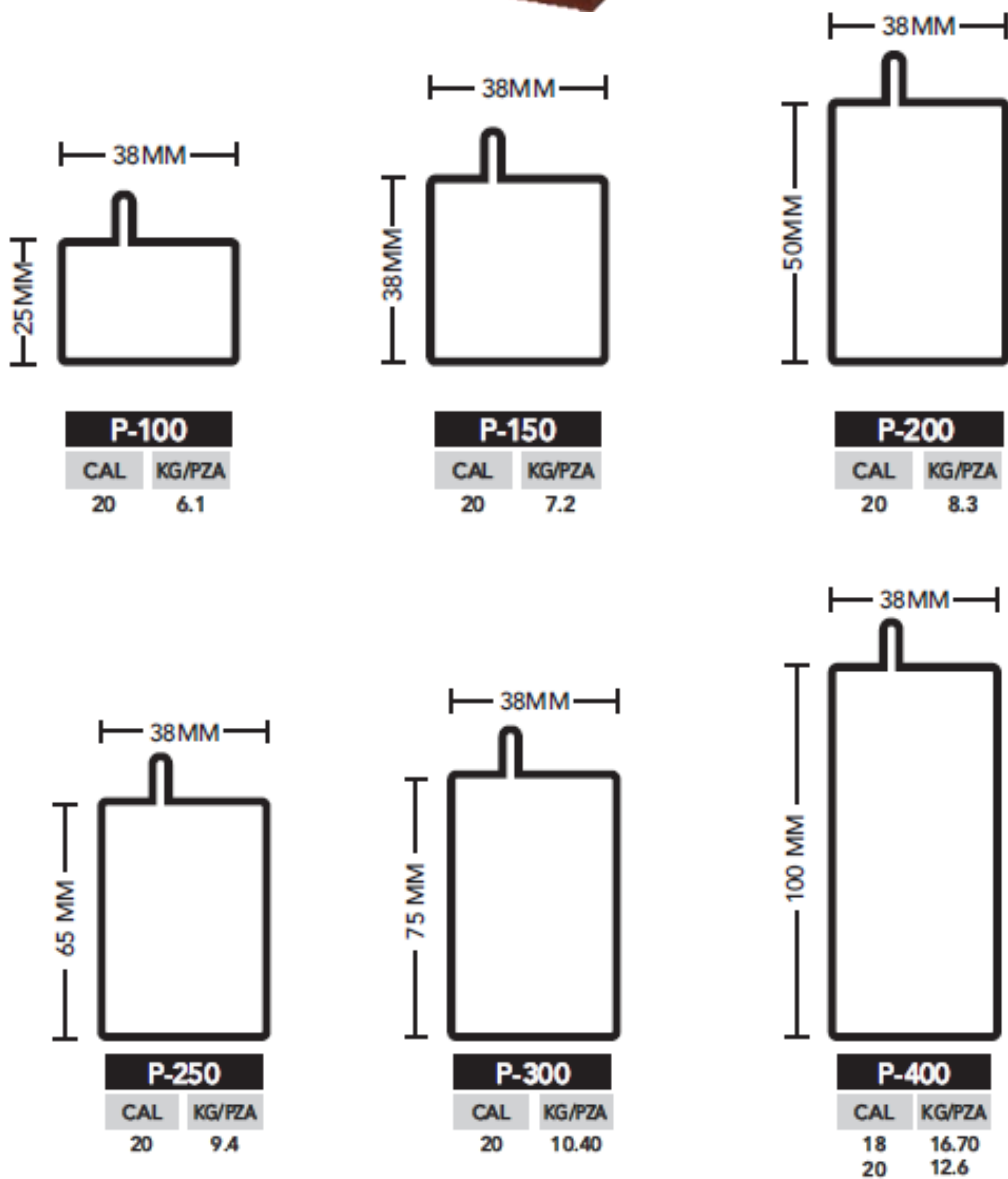


| NP-030 |        |
|--------|--------|
| CAL    | KG/PZA |
| 20     | 11.3   |

PASAMANOS

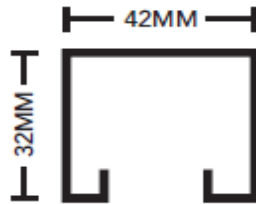
# ACERO PARA HERRERÍA

## Perfiles / Puertas

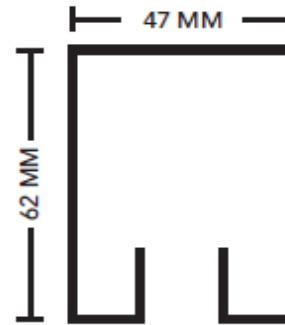


# ACERO PARA HERRERÍA

## Rieles / Marcos

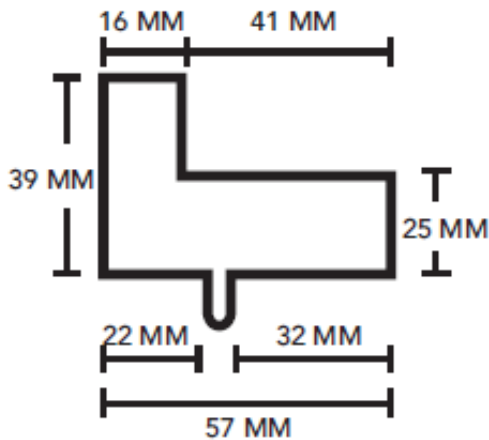


| 1400 |        |
|------|--------|
| CAL  | KG/PZA |
| 18   | 7.30   |



| 1500 |        |
|------|--------|
| CAL  | KG/PZA |
| 14   | 17.70  |

RIELES, van en la parte superior de los portones y en sus ganchos se montan carretillas para tener movimiento corredizo.



| M-221 |        |
|-------|--------|
| CAL   | KG/PZA |
| 18    | 14.20  |
| 20    | 10.70  |

MARCO PARA PUERTA con tope sencillo y ceja, que funciona como chambrana por si el marco va junto a una ventana lateral.  
 NOTA: En todos los marcos el largo estándar es de 5.50 mts.

## Tableros

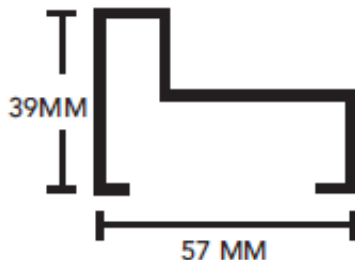


| 147    |        |
|--------|--------|
| MEDIDA | KG/PZA |
| 3 x 3  | 6.1    |
| 3 x 6  | 13.1   |
| 3 x 8  | 16.3   |
| 3 x 10 | 20.4   |

EL TABLERO tiene los mismos usos que la duela (puertas, portones, divisiones, panele, etc.) Pero con la ventaja de que cubre mayor espacio con una sola pieza dependiendo de la medida y se puede pedir con la moldura según el uso, ya sea para continuar, a lo ancho y/o a lo largo.

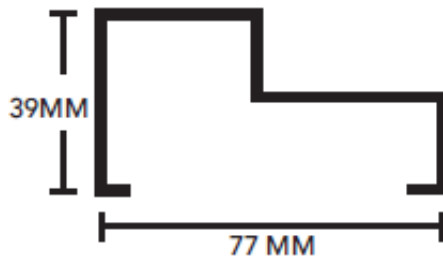
# ACERO PARA HERRERÍA

## Marcos



| M-225 |        |
|-------|--------|
| CAL   | KG/PZA |
| 20    | 5.60   |

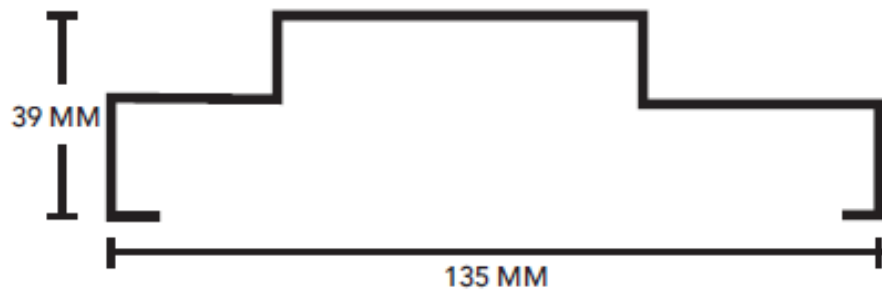
MARCO PARA PUERTA, con tope sencillo



| M-300 |        |
|-------|--------|
| CAL   | KG/PZA |
| 20    | 6.30   |

MARCO PARA PUERTA, con tope doble para mayor resistencia

NOTA. En todos los marcos el largo estándar es de 5.50 mts.



| M-525 |        |
|-------|--------|
| CAL   | KG/PZA |
| 20    | 8.40   |

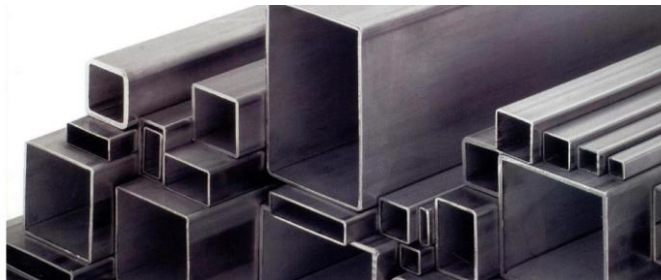
MARCO DOBLE TOPE, para puerta abatible hacia el interior y puerta mosquitera hacia el exterior.

NOTA. En todos los marcos el largo estándar es de 5.50 mts.

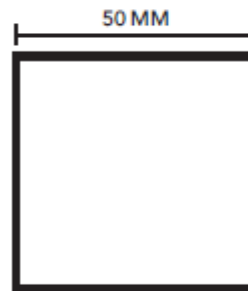
¿

# ACERO PARA HERRERÍA

## Perfiles cuadrados / Rectangulares



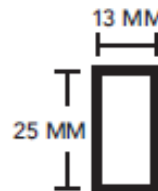
| <b>C-050</b><br>(½ x ½) |        |
|-------------------------|--------|
| CAL                     | KG/PZA |
| 20                      | 2.0    |
| 18                      | 2.7    |



| <b>C-200</b><br>(2 x 2) |        |
|-------------------------|--------|
| CAL                     | KG/PZA |
| 18                      | 11.3   |



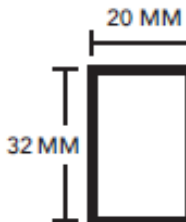
| <b>C-075</b><br>(¾ x ¾) |        |
|-------------------------|--------|
| CAL                     | KG/PZA |
| 20                      | 3.10   |
| 18                      | 4.2    |



| <b>R-100</b><br>(½ x 1) |        |
|-------------------------|--------|
| CAL                     | KG/PZA |
| 18                      | 4.3    |
| 20                      | 3.3    |



| <b>C-100</b><br>(1 x 1) |        |
|-------------------------|--------|
| CAL                     | KG/PZA |
| 20                      | 4.3    |
| 18                      | 5.7    |



| <b>R-125</b><br>(¾ x 1½) |        |
|--------------------------|--------|
| CAL                      | KG/PZA |
| 20                       | 4.3    |



| <b>C-125</b><br>(1¼ x 1¼) |        |
|---------------------------|--------|
| CAL                       | KG/PZA |
| 20                        | 5.4    |
| 18                        | 7.4    |



| <b>R-175</b><br>(¾ x 1¾) |        |
|--------------------------|--------|
| CAL                      | KG/PZA |
| 20                       | 5.4    |



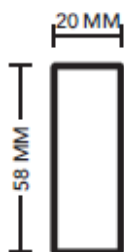
| <b>C-150</b><br>(1½ x 1½) |        |
|---------------------------|--------|
| CAL                       | KG/PZA |
| 20                        | 6.5    |
| 18                        | 8.6    |

# ACERO PARA HERRERÍA

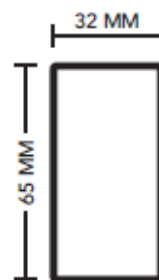
## Perfiles Rectangulares



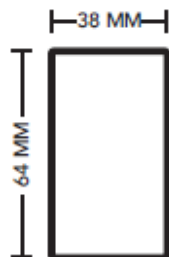
| R-200<br>(1 x 2) |        |
|------------------|--------|
| CAL              | KG/PZA |
| 20               | 6.5    |
| 18               | 8.6    |



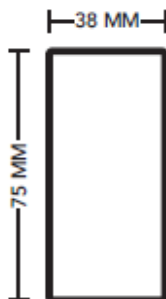
| R-225<br>(¾ x 2¼) |        |
|-------------------|--------|
| CAL               | KG/PZA |
| 20                | 6.5    |
| 18                | 8.5    |



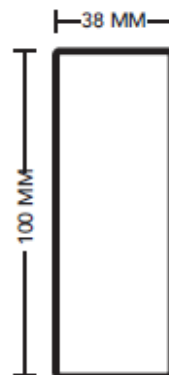
| R-249<br>(1 ¼ x 2 ½) |        |
|----------------------|--------|
| CAL                  | KG/PZA |
| 20                   | 7.9    |



| R-250<br>(1½ x 2½) |        |
|--------------------|--------|
| CAL                | KG/PZA |
| 20                 | 8.6    |



| R-300<br>(1½ x 3) |        |
|-------------------|--------|
| CAL               | KG/PZA |
| 20                | 9.6    |
| 18                | 13.2   |



| R-400<br>(1½ x 4) |        |
|-------------------|--------|
| CAL               | KG/PZA |
| 20                | 12.0   |
| 18                | 16.2   |



# ACERO PARA HERRERÍA

## Lámina negra lisa



| ESPESOR |        |       | KG/M2 | KG/HOJA            |                     |                    |                     |
|---------|--------|-------|-------|--------------------|---------------------|--------------------|---------------------|
| CAL     | PULG   | MM    |       | 0.91x2.44<br>3'x8' | 0.91x3.05<br>3'x10' | 1.22x2.44<br>4'x8' | 1.22x3.05<br>4'x10' |
| 10      | 0.1360 | 3.454 | 27.10 | 60.44              | 75.55               | 81.64              | 102.05              |
| 1/8     | 0.1250 | 3.175 | 24.97 | 55.68              | 69.67               | 74.31              | 92.91               |
| 11      | 0.1196 | 3.040 | 24.41 | 54.43              | 68.10               | 72.64              | 90.83               |
| 12      | 0.1061 | 2.695 | 21.13 | 47.14              | 58.93               | 62.85              | 78.57               |
| 14      | 0.0762 | 1.963 | 15.17 | 33.84              | 42.3                | 45.14              | 56.43               |
| 16      | 0.0613 | 1.557 | 12.20 | 27.21              | 34.01               | 36.28              | 45.35               |
| 18      | 0.0493 | 1.252 | 9.81  | 21.89              | 27.36               | 29.18              | 36.48               |
| 20      | 0.0374 | 0.950 | 7.43  | 16.59              | 20.74               | 22.11              | 27.63               |
| 22      | 0.0314 | 0.798 | 6.23  | 13.91              | 17.39               | 18.54              | 23.18               |
| 24      | 0.0224 | 0.569 | 4.79  | 9.91               | 12.38               | 13.22              | 16.53               |
| 26      | 0.0194 | 0.493 | 3.85  | 8.59               | 10.74               | 11.44              | 14.3                |

# ACERO PARA HERRERÍA

## Placa



| ESPESOR |      | KG/HOJA             |                     |                     |                     |                     |                     | KG/MT <sup>2</sup> |
|---------|------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|
| PULG    | MM   | 3'x 8'<br>0.91x2.44 | 3'x10'<br>0.91x3.05 | 4'x 8'<br>1.22x2.44 | 4'x10'<br>1.22x3.05 | 4'x20'<br>1.21x6.10 | 6'x20'<br>1.82x6.10 |                    |
| 3/16"   | 4.8  | 83                  | 104                 | 111                 | 139                 | 278                 | 425                 | 37.35              |
| 1/4"    | 6.4  | 111                 | 139                 | 148                 | 190                 | 380                 | 558                 | 49.79              |
| 5/16"   | 7.9  | 139                 | 173                 | 185                 | 231                 | 462                 | 704                 | 62.24              |
| 3/8"    | 9.5  | 167                 | 208                 | 222                 | 279                 | 558                 | 837                 | 74.69              |
| 1/2"    | 12.7 | 222                 | 278                 | 296                 | 370                 | 740                 | 1,116               | 99.59              |
| 5/8"    | 15.9 | 278                 | 347                 | 370                 | 463                 | 926                 | 1,395               | 124.49             |
| 3/4"    | 19.1 | 333                 | 416                 | 444                 | 555                 | 1,110               | 1,675               | 149.38             |
| 7/8"    | 22.2 | 389                 | 486                 | 518                 | 648                 | 1,296               | 1,953               | 174.38             |
| 1"      | 25.4 | 444                 | 555                 | 592                 | 740                 | 1,480               | 2,230               | 199.18             |

## Placa Antiderrapante



| ESPESOR | KG/HOJA |        |       |        | PESO X |
|---------|---------|--------|-------|--------|--------|
| CAL     | 3 X 8   | 3 X 10 | 4 X 8 | 4 X 10 | KGS/M2 |
| 14      | 40      | 51     | 54    | 68     | 18.3   |
| 12      | 57      | 71     | 76    | 95     | 25.62  |
| 1/8     | 67      | 83     | 89    | 111    | 31     |
| 3/16    | 94.81   | 118    | 126   | 158    | 42.52  |
| 1/4     | 122     | 153    | 163   | 204    | 54.96  |