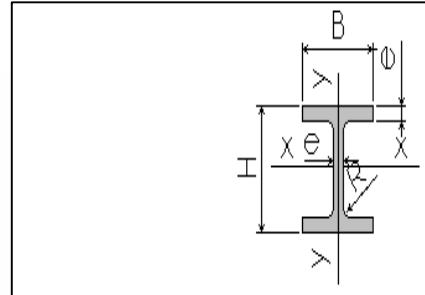


**PERFILES PULTRUIDOS**

**RESPLA**



**PERFIL I**



E = 195.000 kg / cm<sup>2</sup>

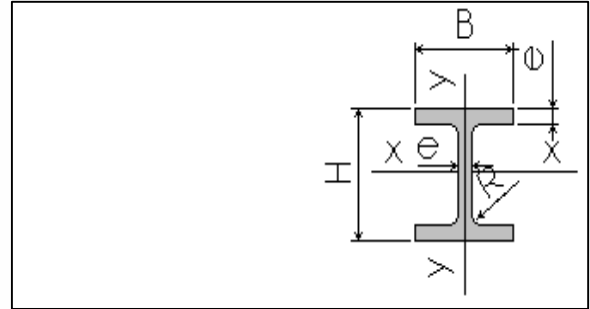
| Dimensiones |     |    | Peso | Area            | Eje X           |                 |       | Eje Y           |                 |      |
|-------------|-----|----|------|-----------------|-----------------|-----------------|-------|-----------------|-----------------|------|
| H           | B   | e  | P    | A               | I               | W               | i     | I               | W               | i    |
| mm          | mm  | m  | Kg/m | Cm <sup>2</sup> | cm <sup>4</sup> | cm <sup>3</sup> | cm    | cm <sup>4</sup> | cm <sup>3</sup> | cm   |
| 400         | 200 | 12 | 17,3 | 93,4            | 23387           | 1169            | 15,85 | 1605            | 161             | 4,15 |
| 300         | 150 | 12 | 12,8 | 69,4            | 9.630           | 642             | 11,8  | 679             | 91              | 3,13 |
| 250         | 200 | 10 | 11,7 | 63,2            | 6.800           | 544             | 10,4  | 1.330           | 134             | 4,6  |
| 250         | 125 | 10 | 8,92 | 48,2            | 4.640           | 372             | 9,82  | 328             | 52              | 2,61 |
| 200         | 100 | 12 | 8,4  | 45,4            | 2.690           | 269             | 7,70  | 203             | 41              | 2,11 |
| 200         | 100 | 10 | 7,07 | 38,2            | 2.310           | 231             | 7,78  | 168             | 34              | 2,1  |
| 150         | 75  | 10 | 5,22 | 28,2            | 928             | 124             | 5,74  | 71,5            | 19              | 1,59 |
| 150         | 75  | 6  | 3,22 | 17,4            | 602             | 80              | 5,88  | 42,4            | 11              | 1,56 |
| 100         | 50  | 6  | 2,11 | 11,4            | 168             | 34              | 3,84  | 12,7            | 5,1             | 1,06 |

## PERFILES PULTRUIDOS

# RESPLA



### PERFIL H

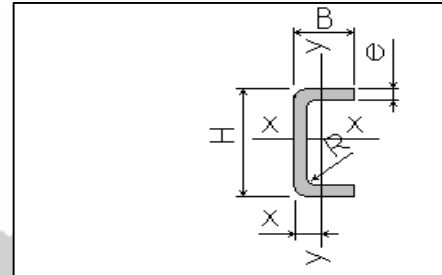


$E = 195.000 \text{ kg/cm}^2$

| Dimensiones |     |    | Peso | Area  | Eje X  |       |       | Eje Y |     |      |
|-------------|-----|----|------|-------|--------|-------|-------|-------|-----|------|
| H           | B   | e  | P    | A     | I      | W     | i     | I     | W   | i    |
| mm          | mm  | m  | Kg/m | Cm2   | cm4    | cm3   | cm    | cm4   | cm3 | cm   |
| 300         | 300 | 12 | 19,5 | 105,4 | 17.099 | 1.140 | 12,74 | 5.404 | 360 | 7,16 |
| 250         | 250 | 10 | 13,5 | 72,3  | 8.246  | 660   | 10,61 | 2.606 | 208 | 5,97 |
| 200         | 200 | 10 | 10,8 | 58,2  | 4.166  | 412   | 8,41  | 1.335 | 134 | 4,79 |
| 150         | 150 | 10 | 7,99 | 43,2  | 1.664  | 222   | 6,21  | 564   | 75  | 3,61 |
| 150         | 150 | 6  | 4,88 | 26,4  | 1.069  | 142   | 6,36  | 338   | 45  | 3,58 |
| 100         | 100 | 6  | 3,22 | 17,4  | 301    | 60    | 4,16  | 100   | 20  | 2,4  |

**PERFILES PULTRUIDOS**

**RESPLA**



**CANAL**

E = 195.000 kg / cm<sup>2</sup>

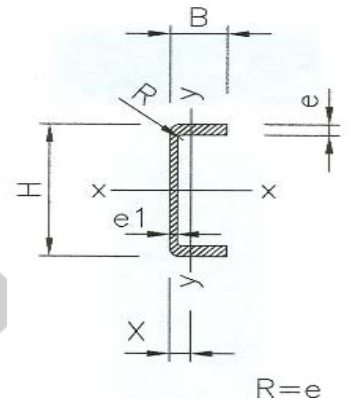
| Dimensiones |    |    | Peso | Area            | Eje X           |                 |      | Eje Y           |                 |      |      |
|-------------|----|----|------|-----------------|-----------------|-----------------|------|-----------------|-----------------|------|------|
| H           | B  | e  | P    | A               | I               | W               | i    | I               | W               | I    | X    |
| mm          | mm | m  | Kg/m | Cm <sup>2</sup> | cm <sup>4</sup> | cm <sup>3</sup> | cm   | cm <sup>4</sup> | cm <sup>3</sup> | cm   | cm   |
| 250         | 70 | 12 | 7,9  | 42,7            | 3.351           | 268             | 8.86 | 157             | 29.8            | 1.92 | 1.75 |
| 200         | 60 | 10 | 5,38 | 29,1            | 1.488           | 149             | 7.15 | 81.1            | 18.2            | 1.67 | 1.54 |
| 150         | 40 | 10 | 3,72 | 20,1            | 504             | 67,3            | 5,06 | 20,7            | 7,24            | 1,03 | 0,63 |
| 150         | 40 | 6  | 2,37 | 12,8            | 364             | 48              | 5.33 | 15.24           | 4.98            | 1.09 | 0.94 |

**PERFILES PULTRUIDOS**

**RESPLA**



**PERFIL CANAL**



$E = 195.000 \text{ kg/cm}^2$

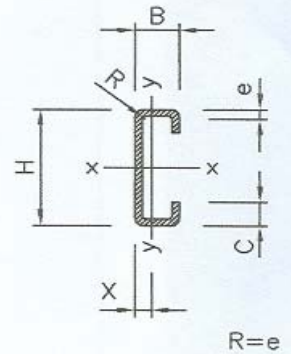
| Dimensiones |    |    |                | Peso | Area            | Eje X           |                 |      |      | Eje Y           |                 |      |      |
|-------------|----|----|----------------|------|-----------------|-----------------|-----------------|------|------|-----------------|-----------------|------|------|
| H           | B  | e  | e <sub>1</sub> | P    | A               | I               | W               | i    | y    | I               | W               | i    | x    |
| mm          | mm | mm | mm             | Kg/m | Cm <sup>2</sup> | cm <sup>4</sup> | cm <sup>3</sup> | cm   | cm   | cm <sup>4</sup> | cm <sup>3</sup> | cm   | cm   |
| 85          | 30 | 5  | -              | 1,12 | 6,43            | 60,00           | 14,10           | 3,05 | 4,25 | 5,00            | 2,17            | 0,85 | 0,59 |

**PERFILES PULTRUIDOS**

**RESPLA**



**PERFIL C**



E = 195.000 kg / cm<sup>2</sup>

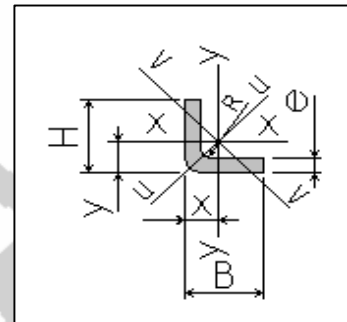
| Dimensiones |    |    |    | Peso | Area            | Eje X           |                 |      |      | Eje Y           |                 |      |      |
|-------------|----|----|----|------|-----------------|-----------------|-----------------|------|------|-----------------|-----------------|------|------|
| H           | B  | C  | e  | P    | A               | I               | W               | i    | y    | I               | W               | i    | x    |
| mm          | mm | m  | mm | Kg/m | Cm <sup>2</sup> | cm <sup>4</sup> | cm <sup>3</sup> | cm   | cm   | cm <sup>4</sup> | cm <sup>3</sup> | cm   | cm   |
| 85          | 30 | 10 | 3  | 0,81 | 4,28            | 42,50           | 10,00           | 3,15 | 4,25 | 4,14            | 1,96            | 0,98 | 1,02 |

**PERFILES PULTRUIDOS**

**RESPLA**



**ANGULO ALAS IGUALES**

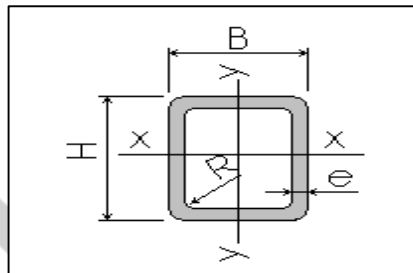


E = 195.000 kg / cm<sup>2</sup>

| Dimensiones |     |    | Peso | Area            | Ejes X e Y      |                 |      |       | Eje u | Eje v |
|-------------|-----|----|------|-----------------|-----------------|-----------------|------|-------|-------|-------|
| H           | B   | e  | P    | A               | I               | W               | i    | X e Y | I     | I     |
| mm          | mm  | mm | Kg/m | cm <sup>2</sup> | cm <sup>4</sup> | cm <sup>3</sup> | cm   | cm    | Cm    | Cm    |
| 100         | 100 | 10 | 3,44 | 18,6            | 177             | 25,0            | 3,08 | 2,92  | 3,9   | 1,95  |
| 80          | 80  | 10 | 2,70 | 14,6            | 87,5            | 15,4            | 2,41 | 2,34  | 3,03  | 1,55  |
| 80          | 80  | 6  | 1,68 | 9,09            | 56,6            | 9,87            | 2,50 | 2,26  | 3,16  | 1,57  |
| 65          | 65  | 6  | 1,35 | 7,29            | 29,2            | 6,21            | 1,97 | 1,80  | 2,48  | 1,27  |
| 50          | 50  | 6  | 1,02 | 5,49            | 12,8            | 3,61            | 1,57 | 1,51  | 1,93  | 0,96  |

## PERFILES PULTRUIDOS

### RESPLA



### TUBO CUADRADO

$E = 195.000 \text{ kg/cm}^2$

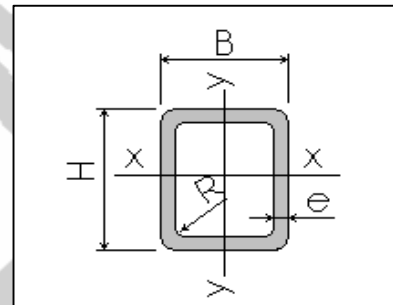
| Dimensiones |    |    | Peso | Area            | Ejes X e Y      |                 |      |
|-------------|----|----|------|-----------------|-----------------|-----------------|------|
| H           | B  | e  | P    | A               | I               | W               | i    |
| mm          | mm | mm | Kg/m | cm <sup>2</sup> | cm <sup>4</sup> | cm <sup>3</sup> | cm   |
| 50          | 50 | 6  | 1,79 | 9,63            | 29,1            | 11,6            | 1,74 |
| 44          | 44 | 6  | 1,52 | 8,2             | 18,1            | 8,2             | 1,49 |
| 44          | 44 | 4  | 1,11 | 6,0             | 15,3            | 6,9             | 1,60 |
| 25          | 25 | 3  | 0,45 | 2,41            | 1,81            | 1,45            | 0,87 |

**PERFILES PULTRUIDOS**

**RESPLA**



**TUBO RECTANGULAR**

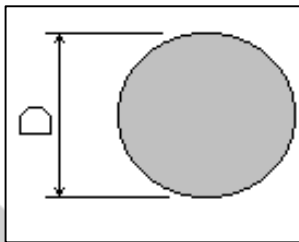


E = 195.000 kg / cm<sup>2</sup>

| Dimensiones |    |   | Peso | Area            | Eje X           |                 |      | Eje Y           |                 |      |
|-------------|----|---|------|-----------------|-----------------|-----------------|------|-----------------|-----------------|------|
| H           | B  | e | P    | A               | I               | W               | i    | I               | W               | i    |
| mm          | mm | m | Kg/m | Cm <sup>2</sup> | cm <sup>4</sup> | cm <sup>3</sup> | cm   | cm <sup>4</sup> | cm <sup>3</sup> | cm   |
| 100         | 30 | 4 | 1,73 | 9,35            | 97              | 19,4            | 3,22 | 13              | 8,90            | 1,21 |
| 80          | 50 | 4 | 1,73 | 9,35            | 76              | 19,0            | 2,85 | 36              | 14,5            | 1,97 |

## PERFILES PULTRUIDOS

### RESPLA



### BARRA REDONDA

$E = 195.000 \text{ kg / cm}^2$

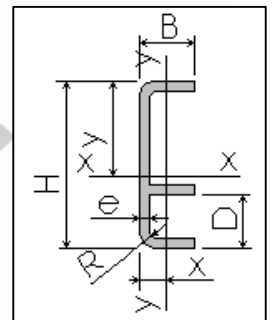
| Diametro | Peso | Area            |
|----------|------|-----------------|
| D        | P    | A               |
| mm       | Kg/m | cm <sup>2</sup> |
| 38       | 2,26 | 11,3            |
| 25       | 0,98 | 4,91            |
| 12       | 0,23 | 1,13            |
| 10       | 0,16 | 0,79            |
| 6        | 0,06 | 0,28            |

**PERFILES PULTRUIDOS**

**RESPLA**



**PERFIL E**



E = 195.000 kg / cm<sup>2</sup>

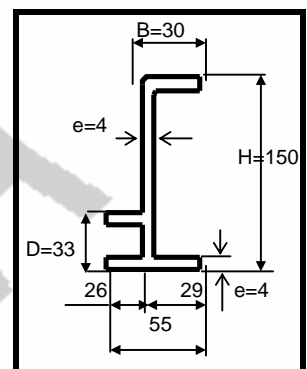
| Dimensiones |    |   |    | Peso | Area            | Eje X           |                 |      |      | Eje Y           |                 |      |      |
|-------------|----|---|----|------|-----------------|-----------------|-----------------|------|------|-----------------|-----------------|------|------|
| H           | B  | e | D  | P    | A               | I               | W               | i    | y    | I               | W               | i    | x    |
| mm          | mm | m | mm | Kg/m | Cm <sup>2</sup> | cm <sup>4</sup> | cm <sup>3</sup> | cm   | cm   | cm <sup>4</sup> | cm <sup>3</sup> | cm   | cm   |
| 150         | 40 | 4 | 35 | 1,87 | 10,11           | 275,40          | 34,35           | 5,20 | 8,02 | 14,70           | 4,50            | 1,21 | 1,04 |
| 100         | 30 | 4 | 30 | 1,27 | 6,91            | 79,90           | 15,60           | 3,35 | 5,27 | 6,60            | 2,60            | 0,98 | 0,87 |

PERFILES PULTRUIDOS

**RESPLA**



PERFIL E especial

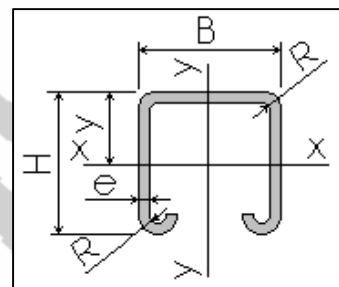


$E = 195.000 \text{ kg / cm}^2$

| Dimensiones |    |   |    | Peso | Area            | Eje X           |                 |      |      | Eje Y           |                 |      |    |
|-------------|----|---|----|------|-----------------|-----------------|-----------------|------|------|-----------------|-----------------|------|----|
| H           | B  | e | D  | P    | A               | I               | W               | i    | y    | I               | W               | i    | x  |
| mm          | mm | m | mm | Kg/m | Cm <sup>2</sup> | cm <sup>4</sup> | cm <sup>3</sup> | cm   | cm   | cm <sup>4</sup> | cm <sup>3</sup> | cm   | cm |
| 150         | 30 | 4 | 33 | 1,87 | 10,1            | 275             | 31,8            | 5,21 | 6,34 | 11,2            | 4,07            | 1,05 | 0  |

**PERFILES PULTRUIDOS**

**RESPLA**



**PERFIL ESPECIAL  
STRUT**

E = 195.000 kg / cm<sup>2</sup>

| Dimensiones |    |   | Peso | Area            | Eje X           |                 |      |      | Eje Y           |                 |      |
|-------------|----|---|------|-----------------|-----------------|-----------------|------|------|-----------------|-----------------|------|
| H           | B  | e | P    | A               | I               | W               | i    | y    | I               | W               | i    |
| mm          | mm | m | Kg/m | Cm <sup>2</sup> | cm <sup>4</sup> | cm <sup>3</sup> | cm   | cm   | cm <sup>4</sup> | cm <sup>3</sup> | cm   |
| 44          | 44 | 4 | 0,93 | 5,03            | 10,7            | 4,14            | 1,72 | 1,62 | 14,8            | 6,7             | 1,42 |