



# Línea Tradicional



## Guía Rápida

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## Nuestros Procesos



El horno de fundición, vaciado y formado de lingotes cilíndricos para extrusión.



Grandes inventarios de materia prima para asegurar la orden perfecta.



Modernas prensas de extrusión de aluminio operadas automáticamente con pullers robotizados.



Líneas de pintado con sistemas más recientes y avanzados de pre-tratamiento y pintura electrostática continua.

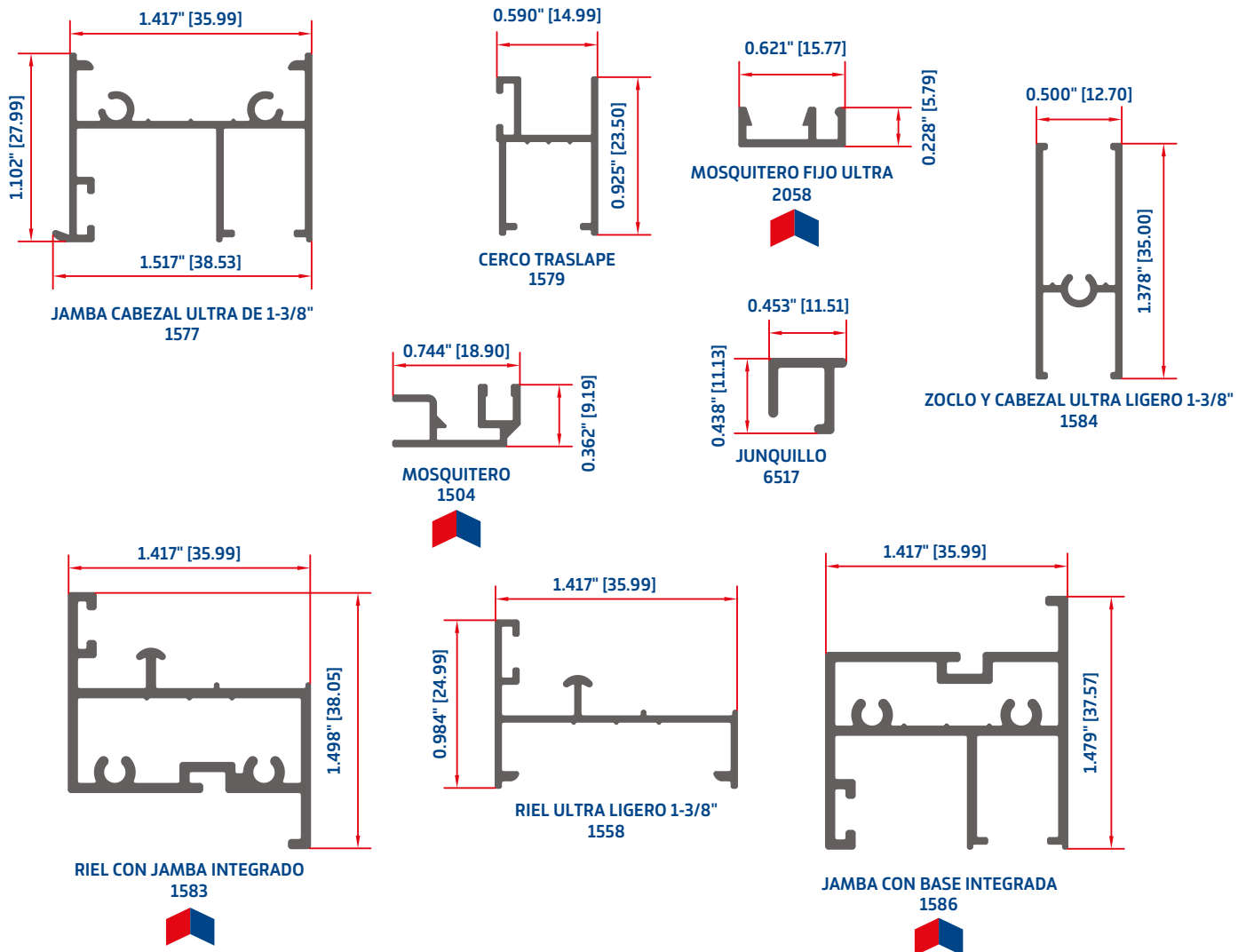


Planta de anodizado totalmente automatizada para garantizar confianza en la calidad de nuestros productos.

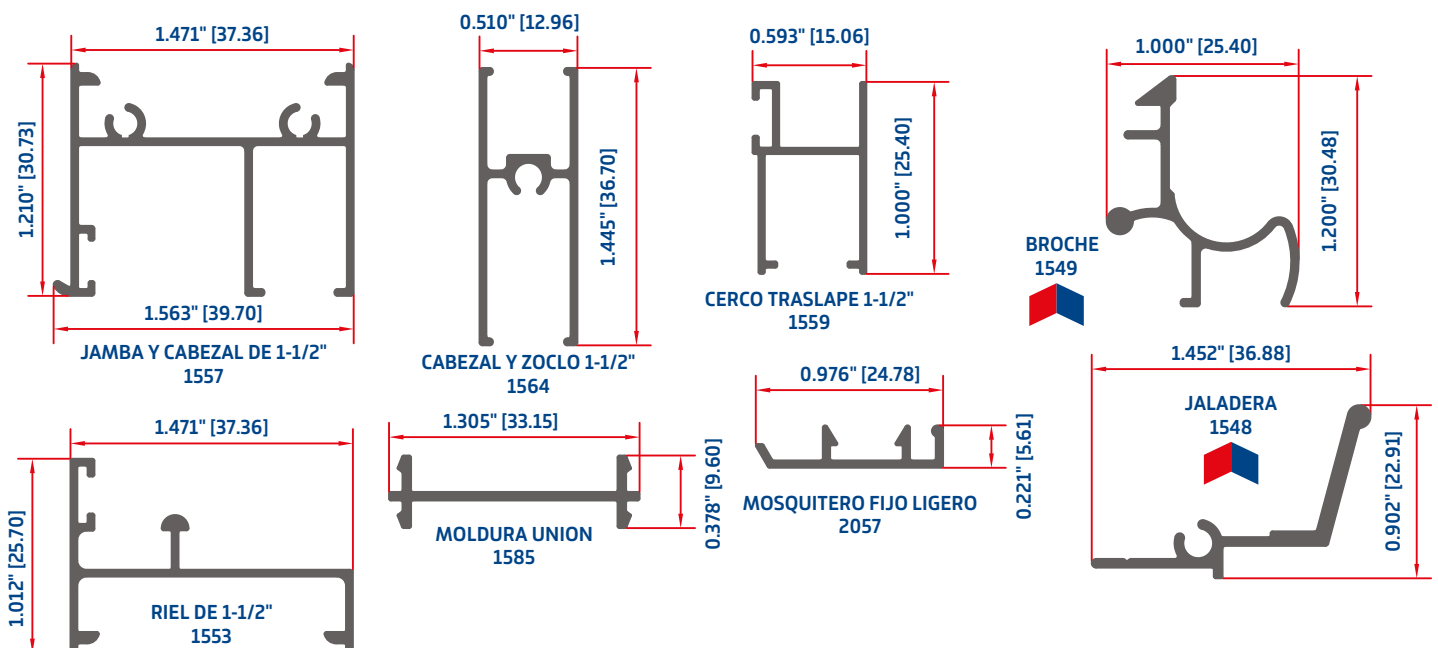


La excelente calidad y grandes inventarios de producto nos permiten otorgar un servicio inigualable.

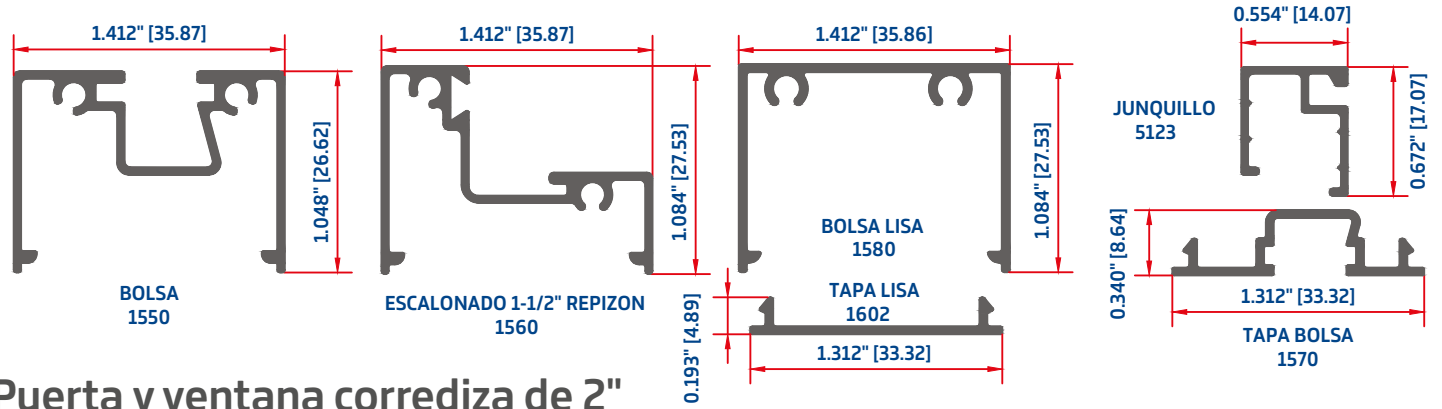
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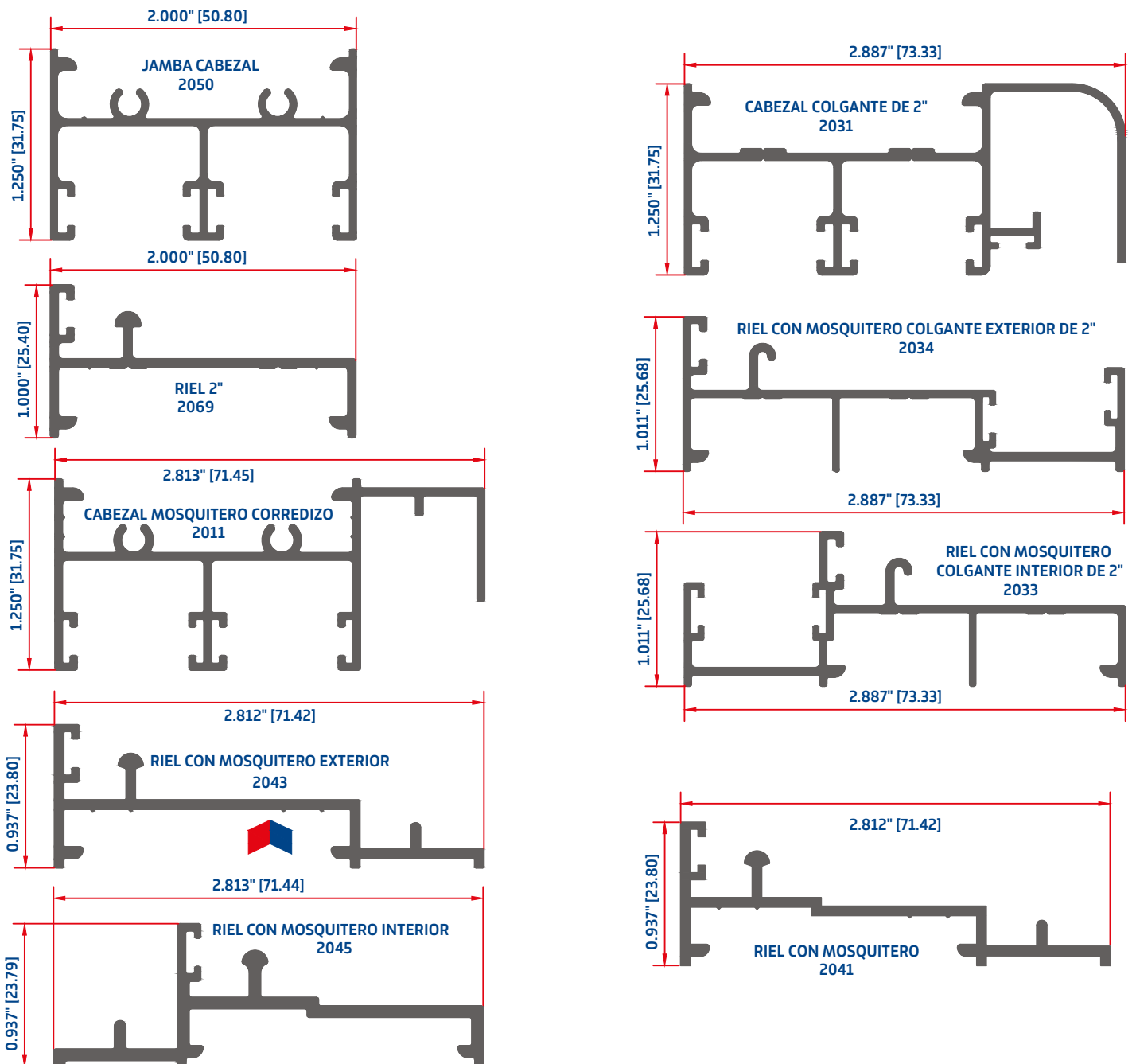
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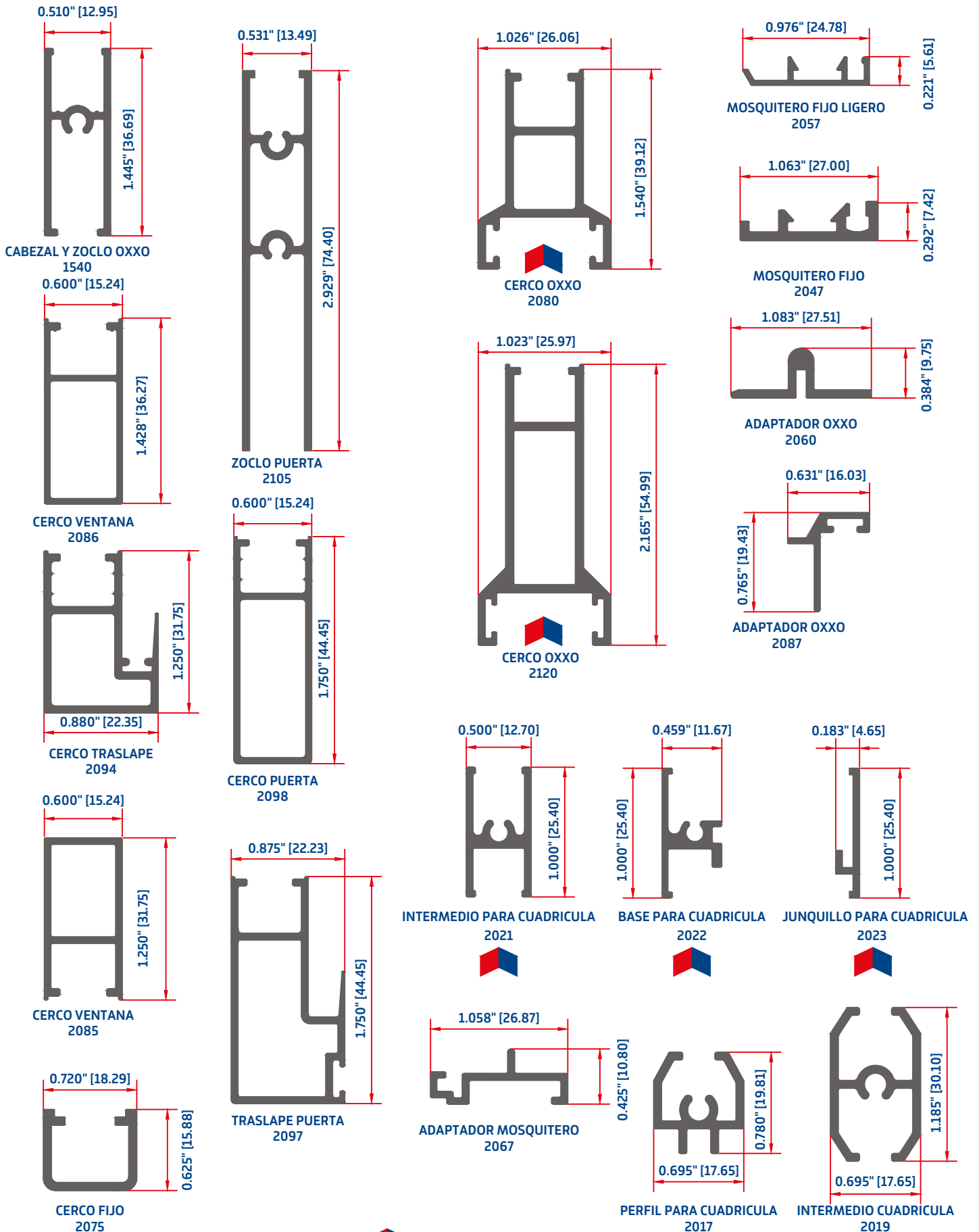
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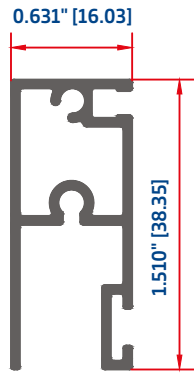
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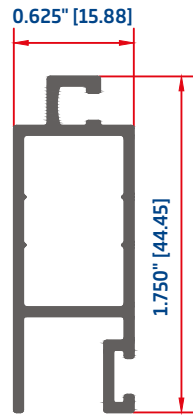
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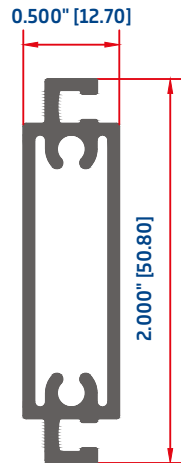
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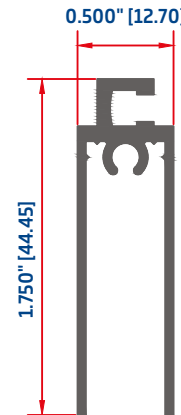
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2133



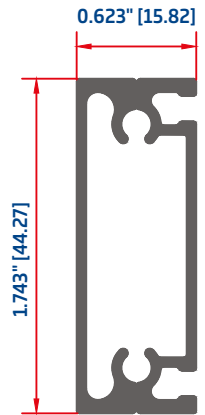
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INTERMEDIO MOSQUITERO  
2135

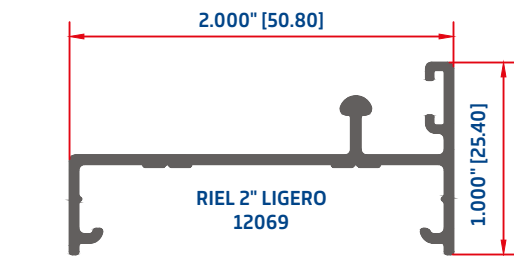


CABEZAL MOSQUITERO SUP.  
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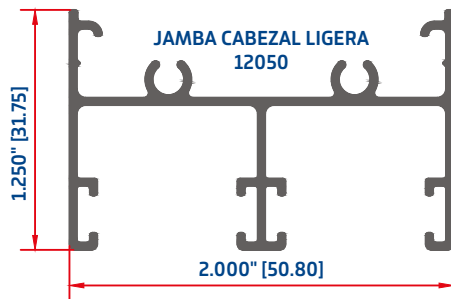


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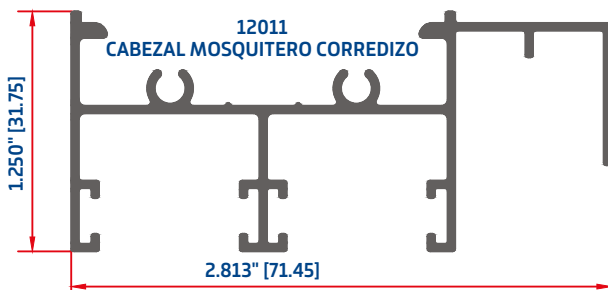
## Perfiles ligeros



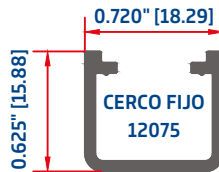
RIEL 2" LIGERO  
12069



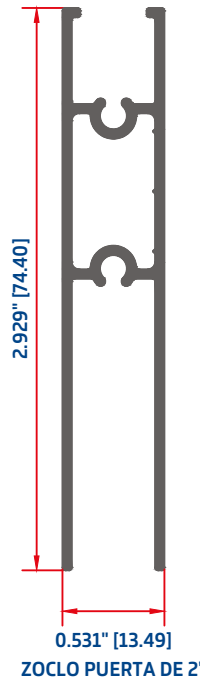
JAMBA CABEZAL LIGERA  
12050



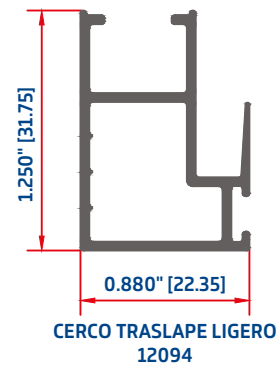
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CABEZAL MOSQUITERO CORREDIZO



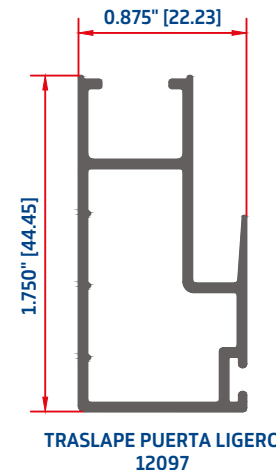
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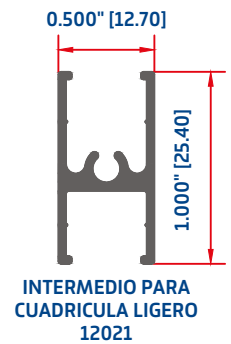
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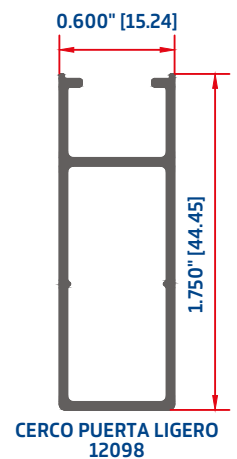
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12094



TRASLAPE PUERTA LIGERO  
12097

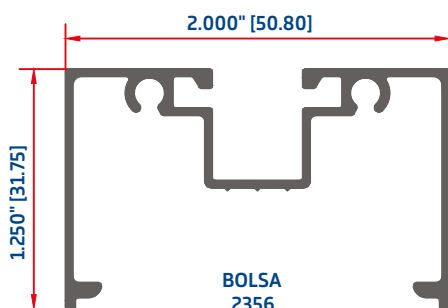


INTERMEDIO PARA  
CUADRICULA LIGERO  
12021

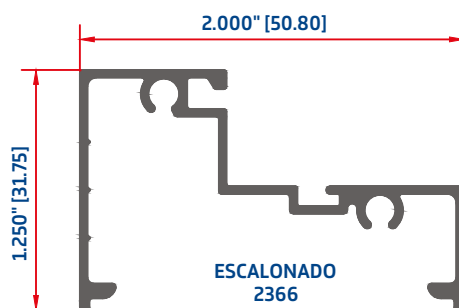


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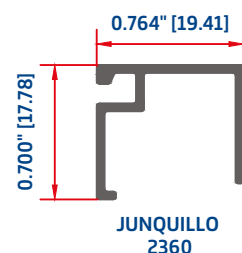
## Ventana fija de 2"



BOLSA  
2356



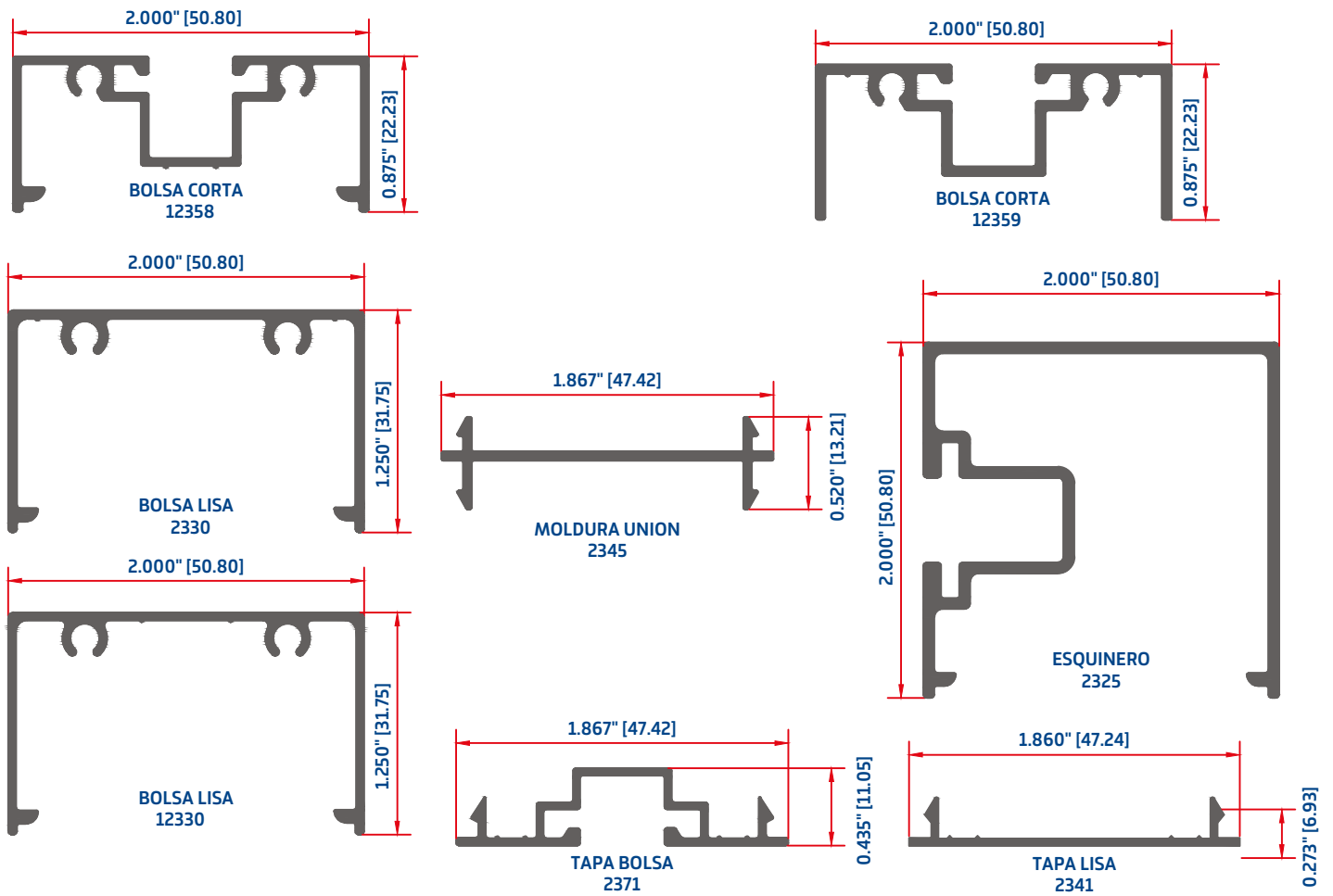
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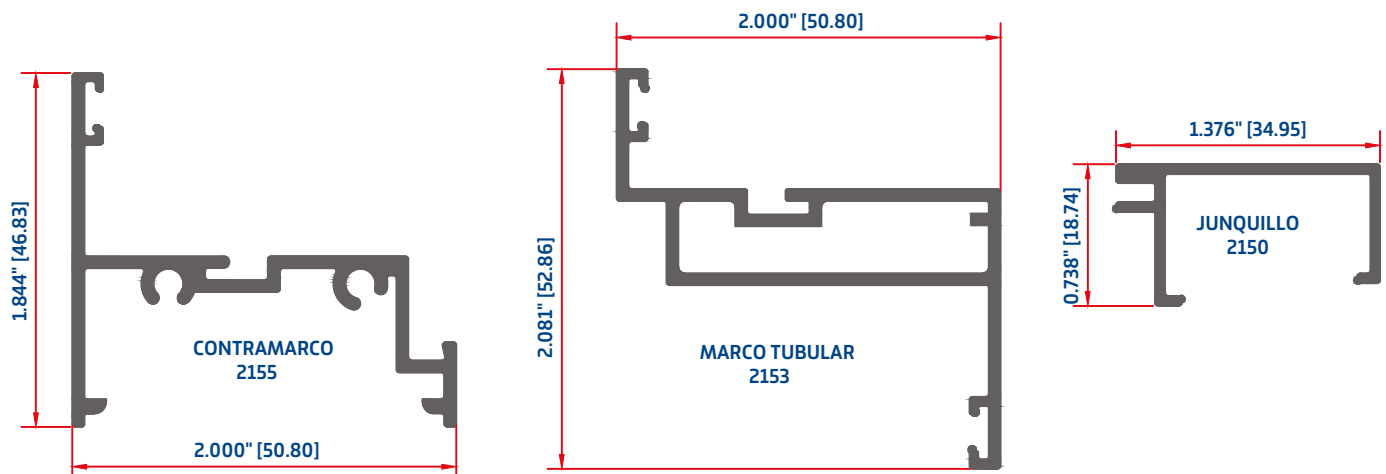
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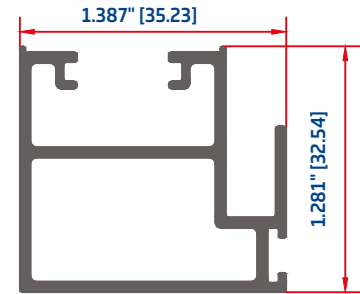
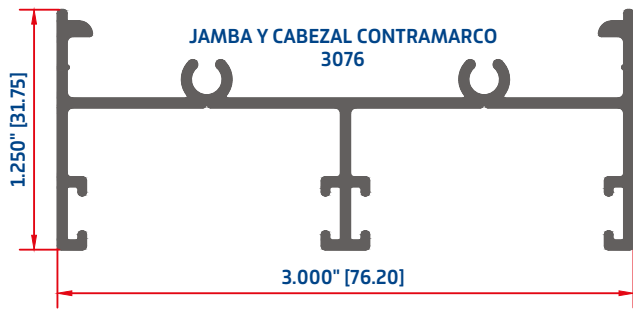
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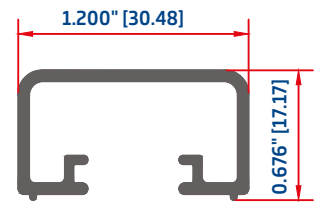
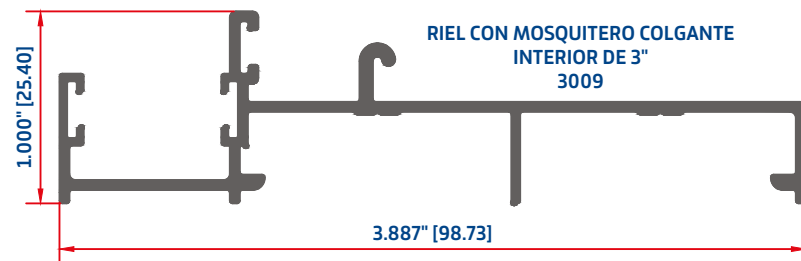
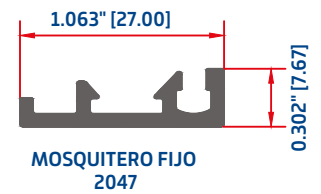
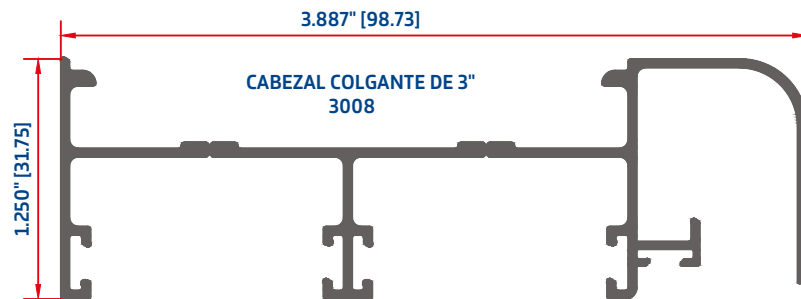
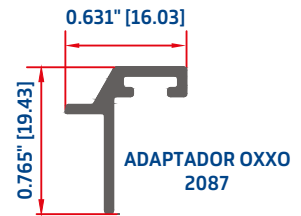
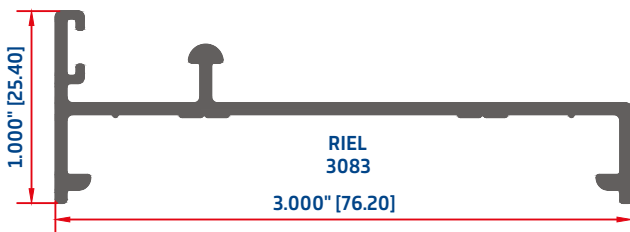
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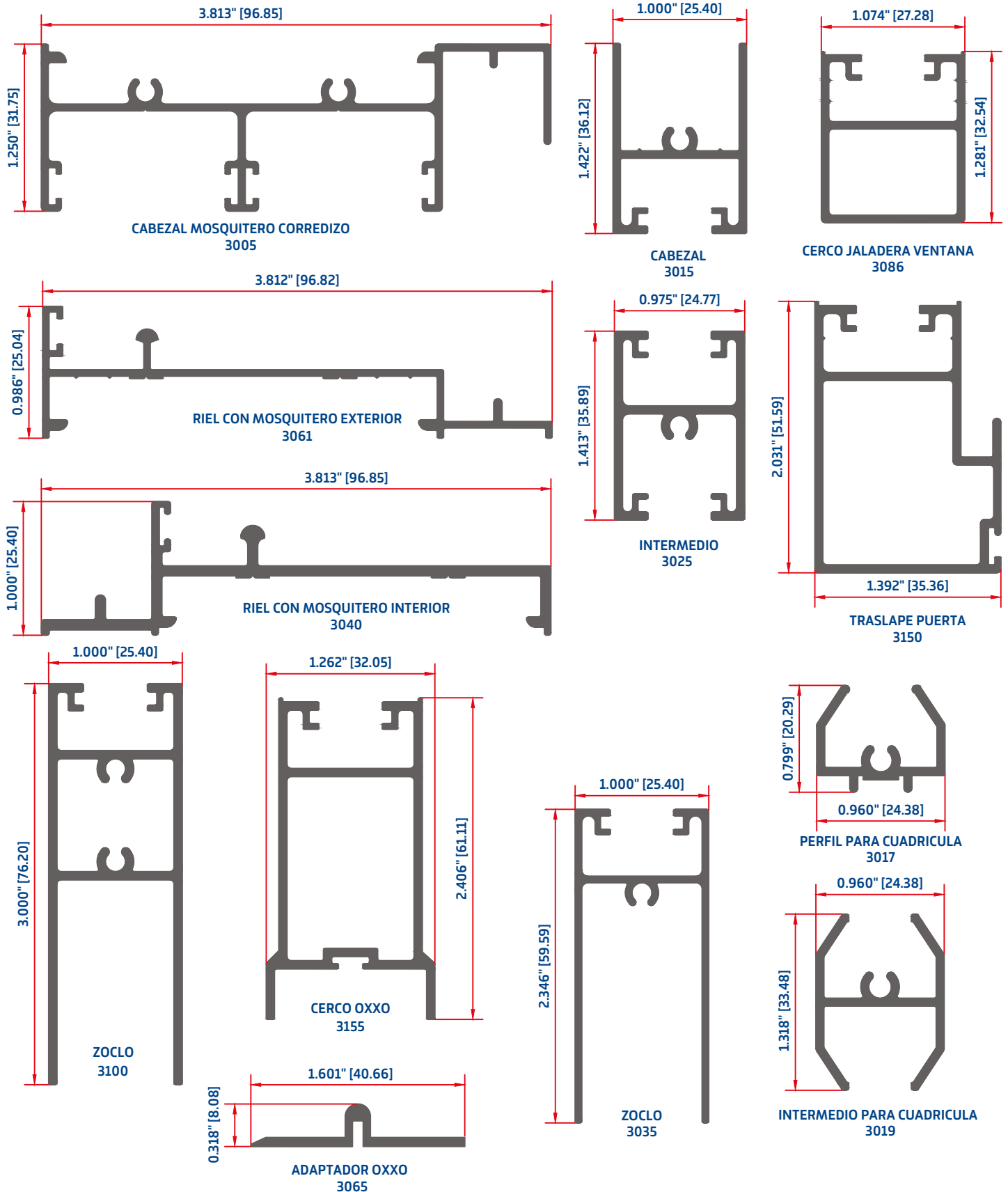
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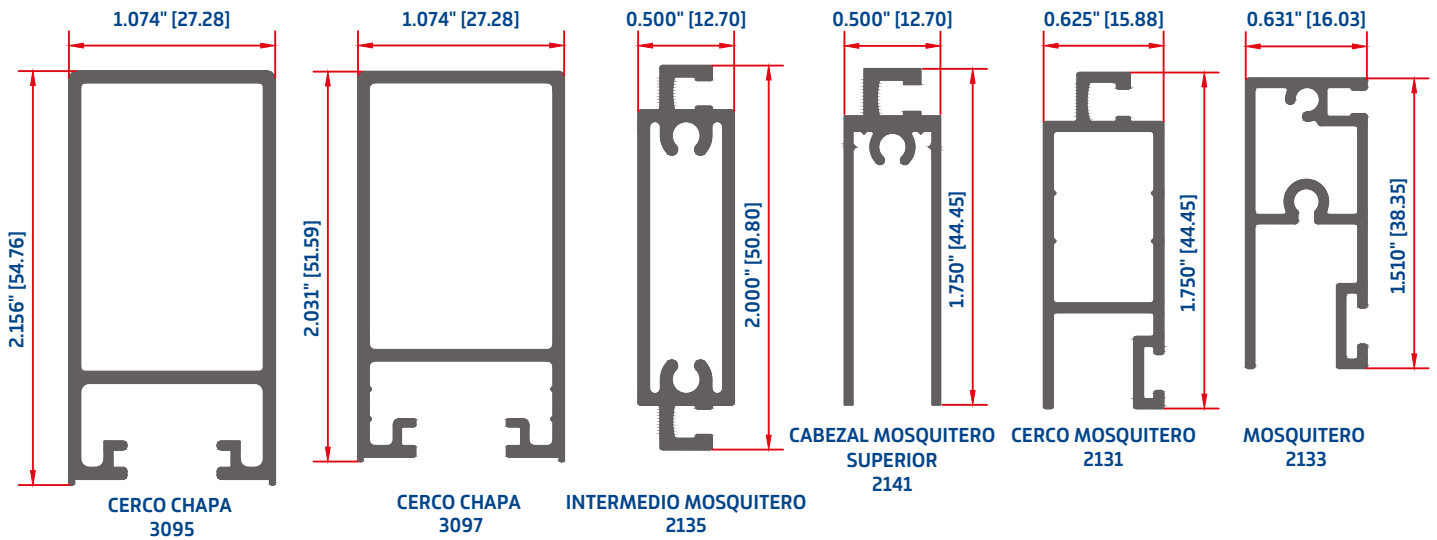
CERCO TRASLAPE VENTANA  
3090



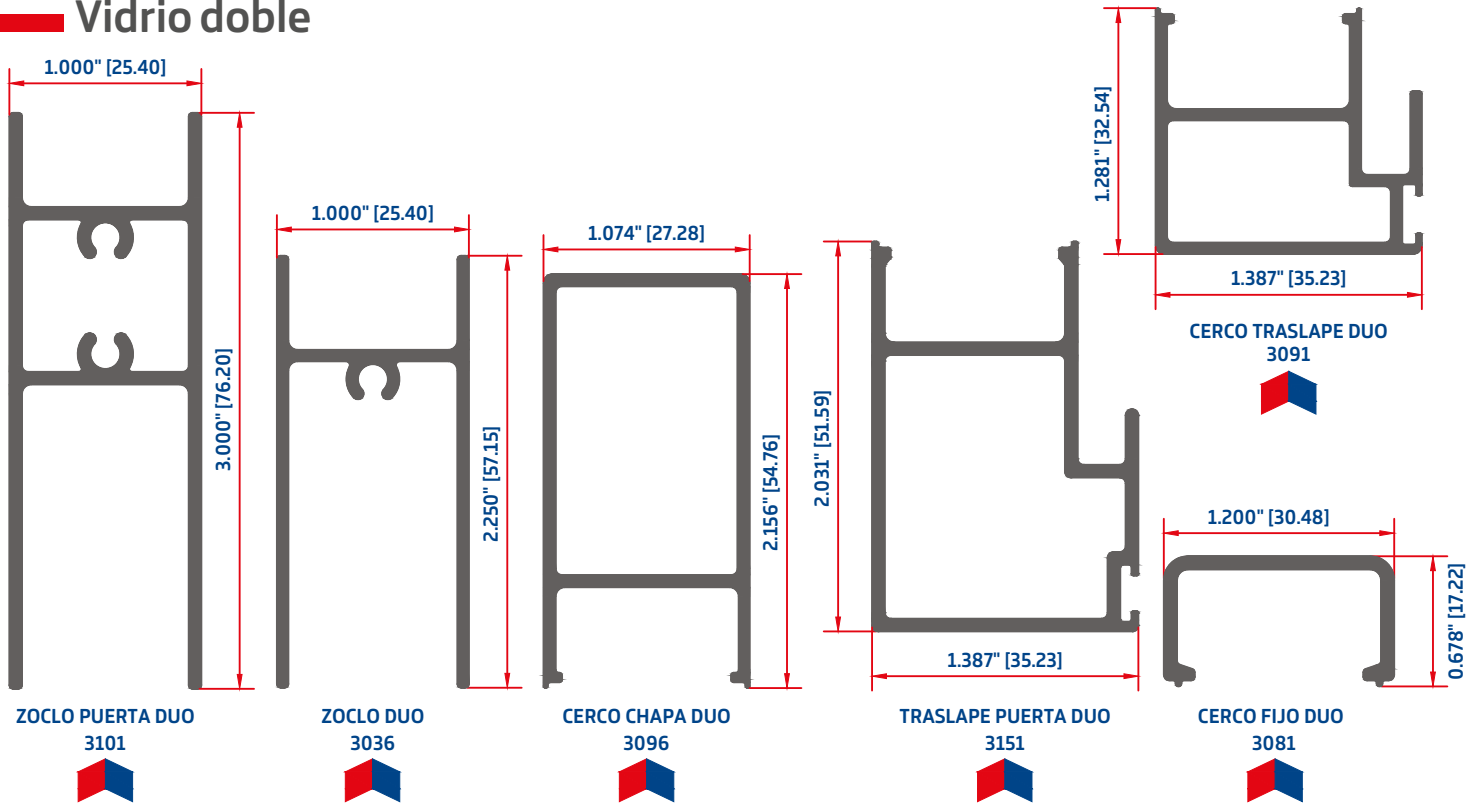
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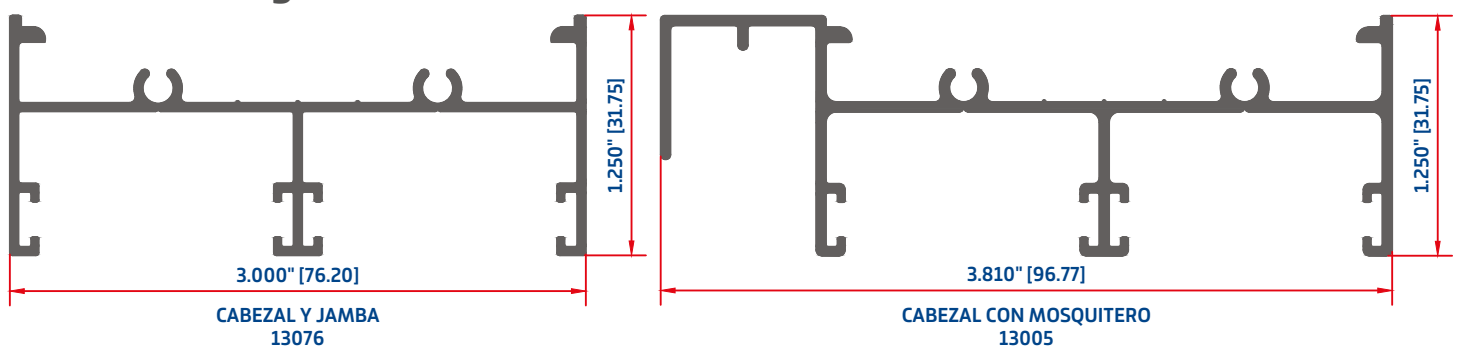
## Puerta y ventana corrediza de 3"



## Vidrio doble



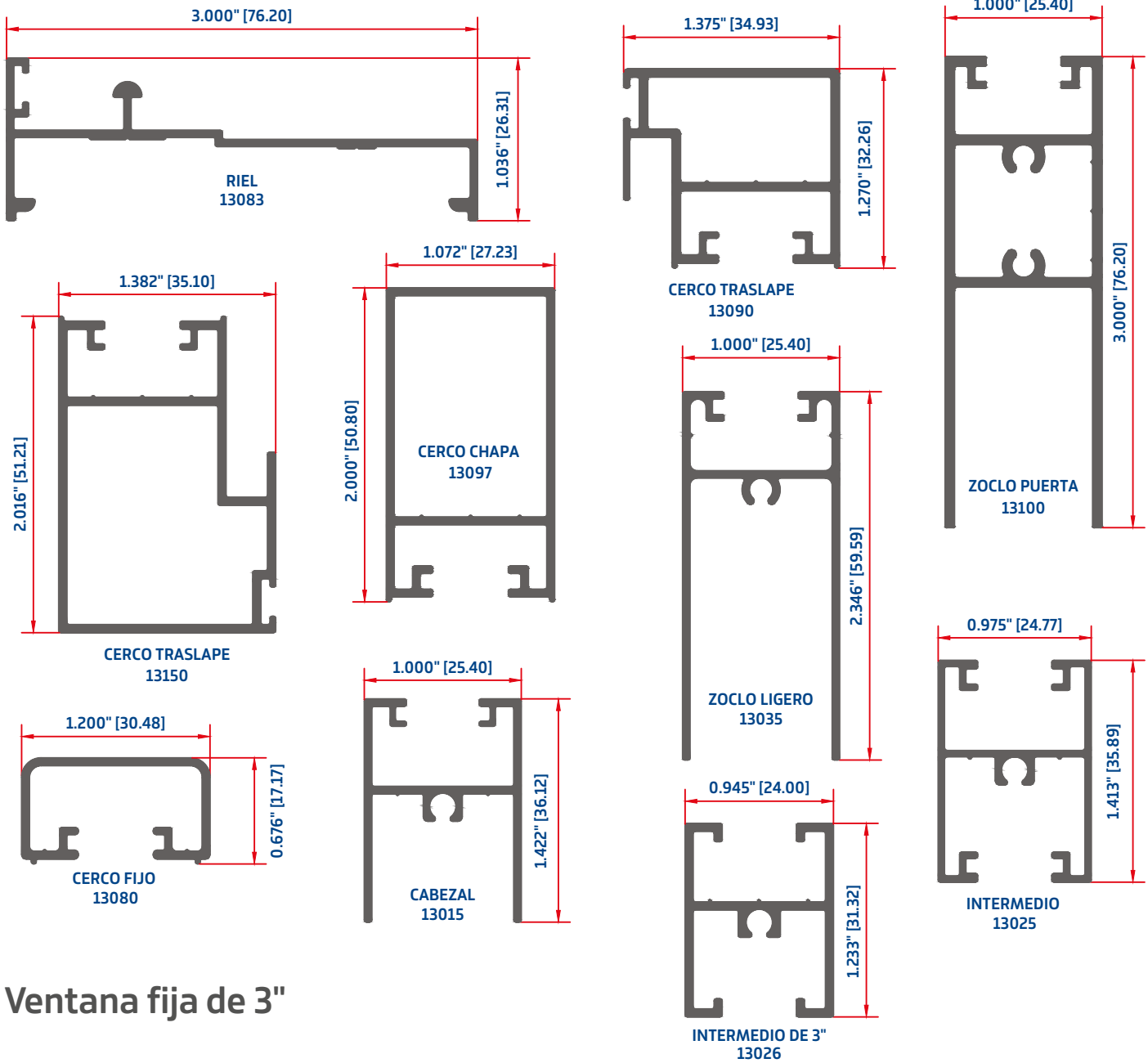
## Perfiles ligeros



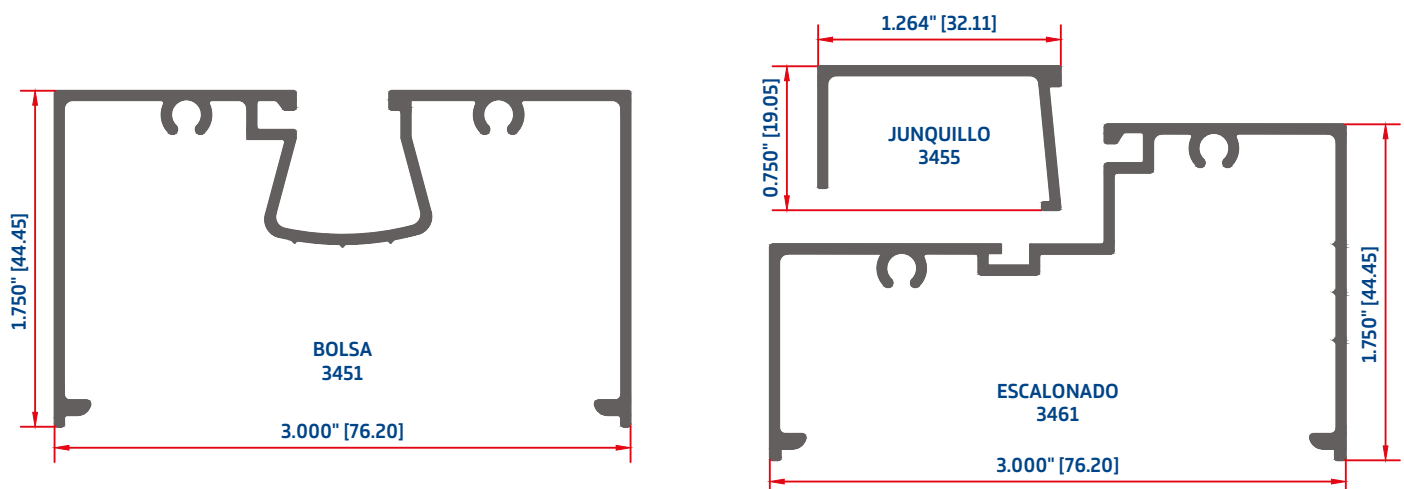
PERFIL SOBRE PEDIDO

## Puerta y ventana corrediza de 3"

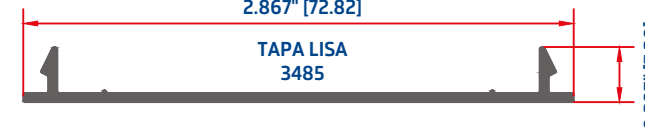
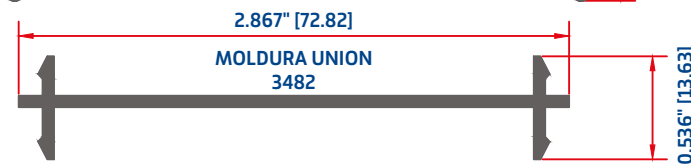
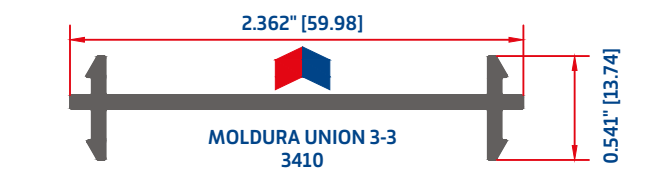
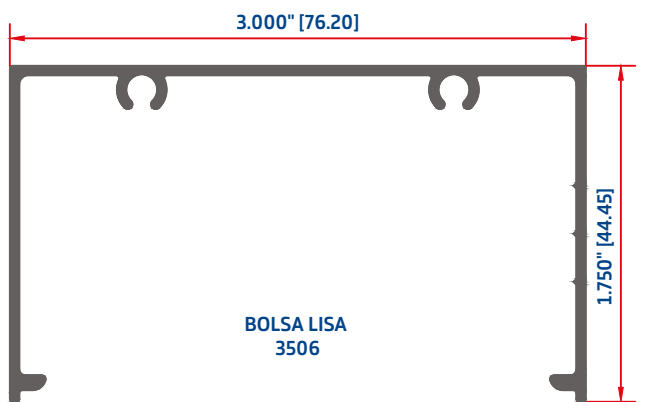
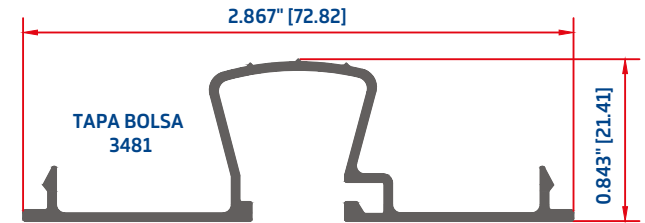
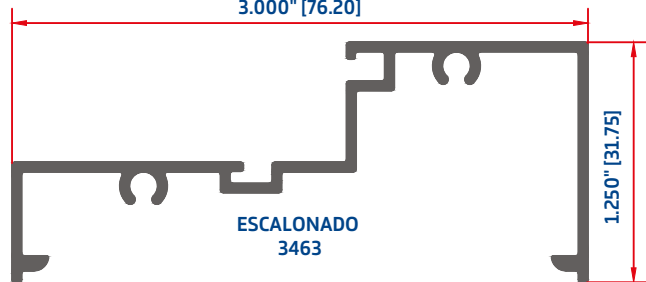
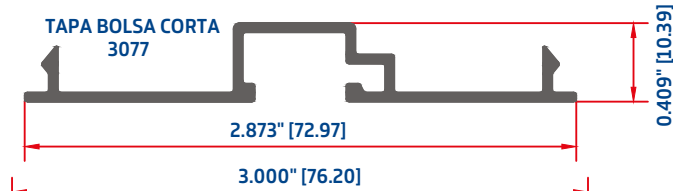
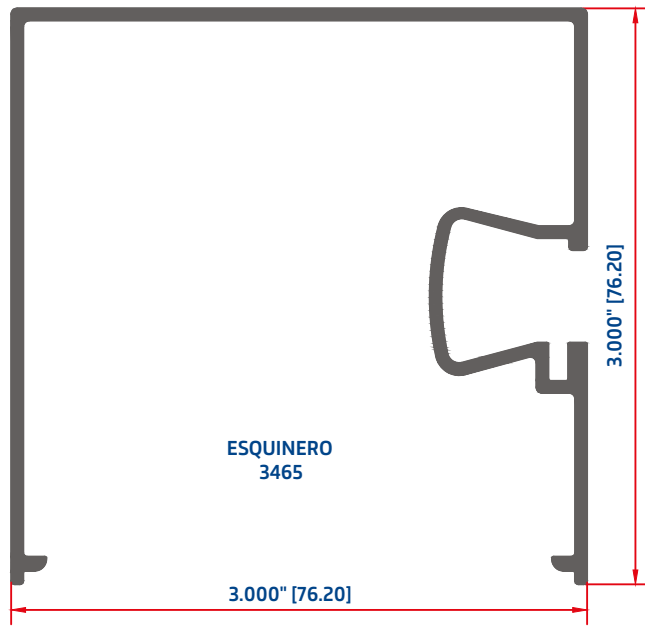
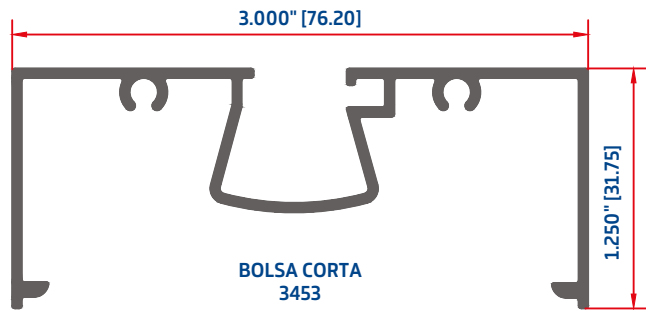
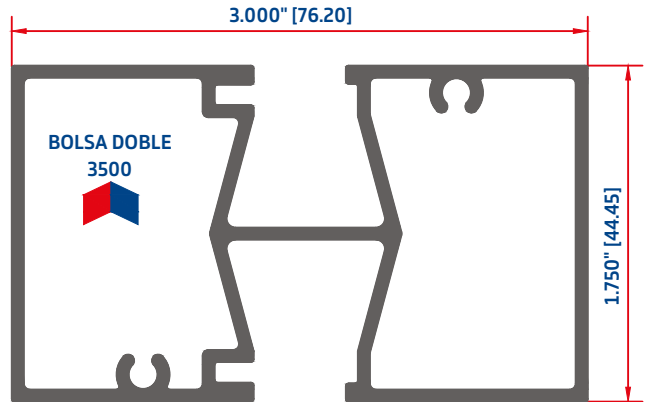
### Perfiles ligeros



## Ventana fija de 3"

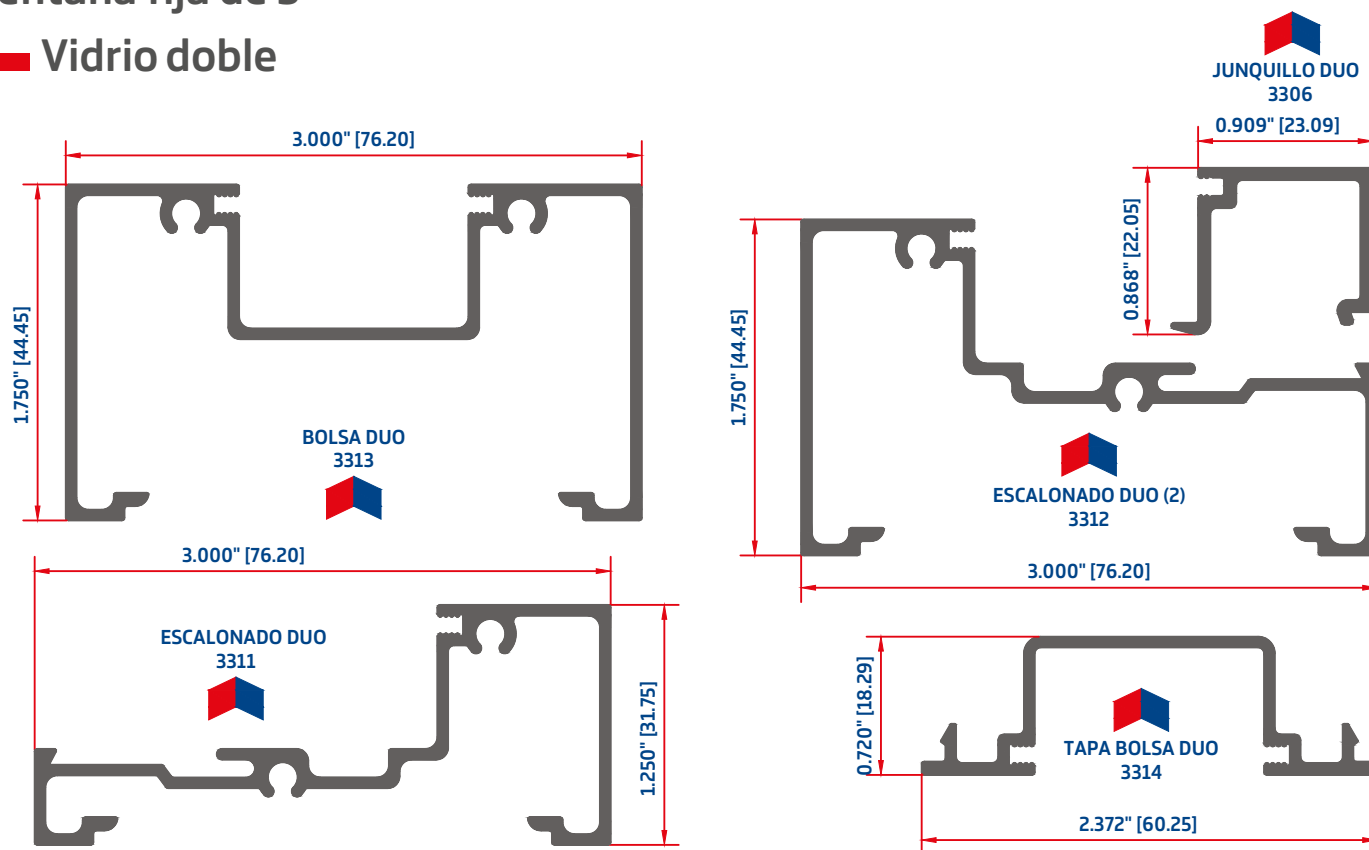


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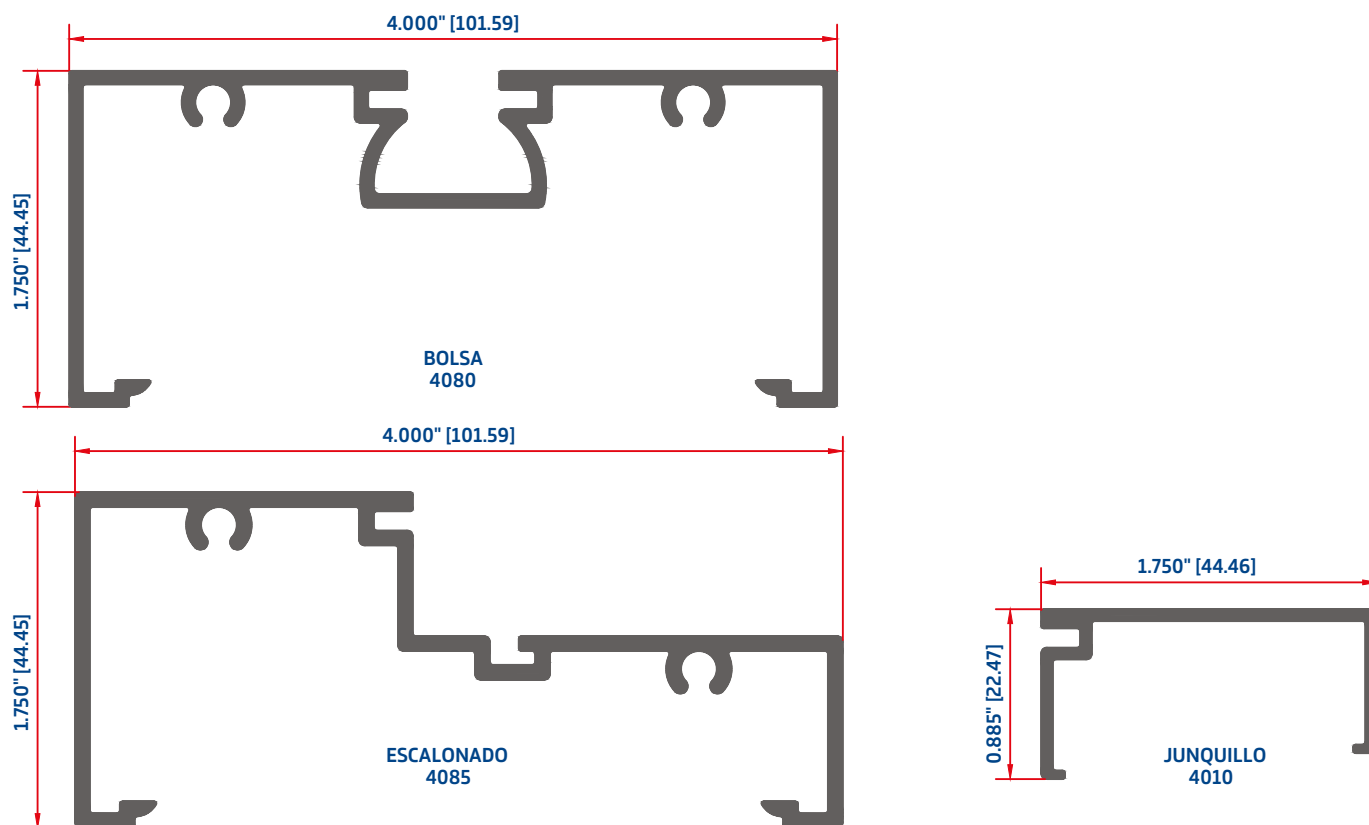


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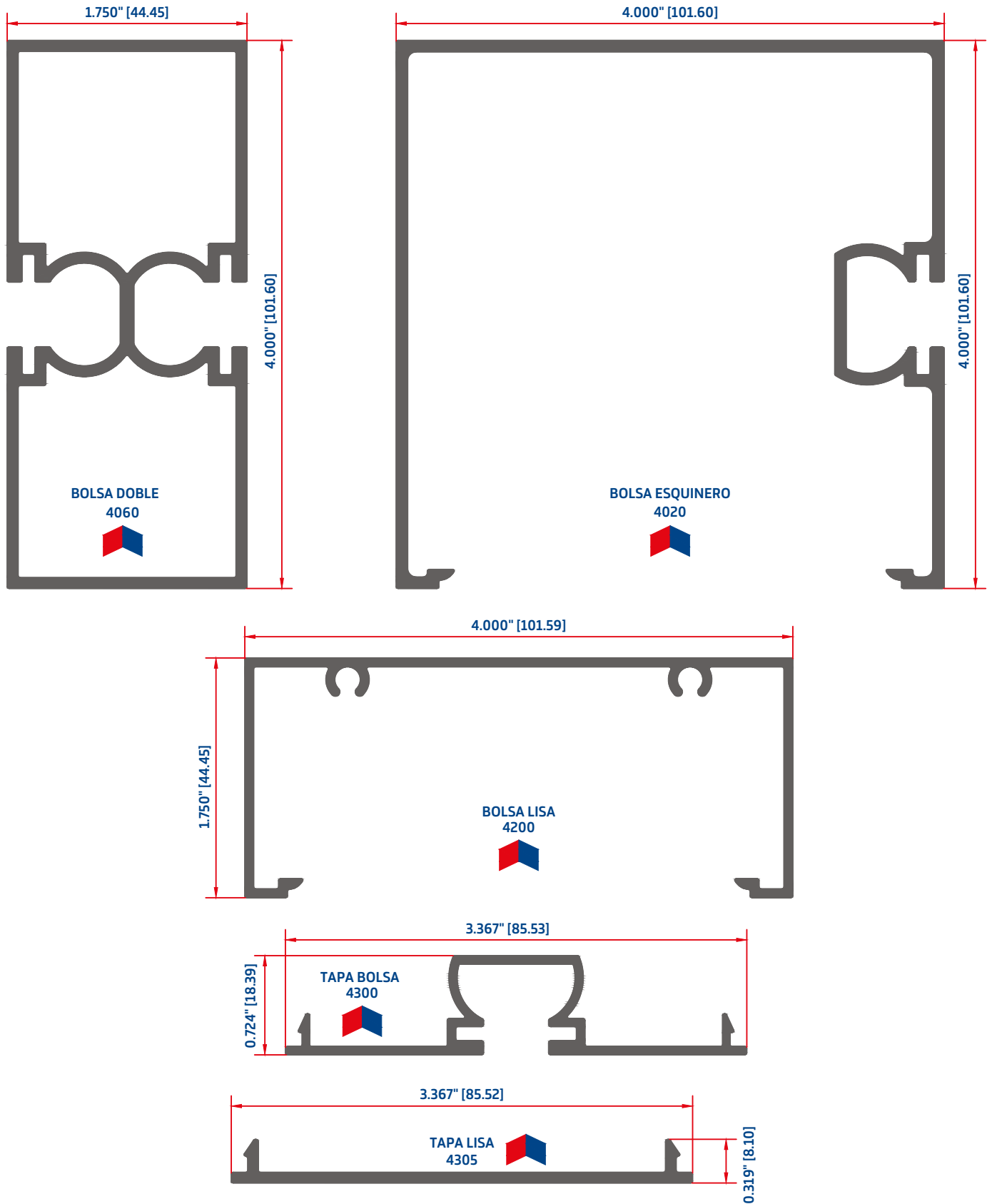
**Vidrio doble**



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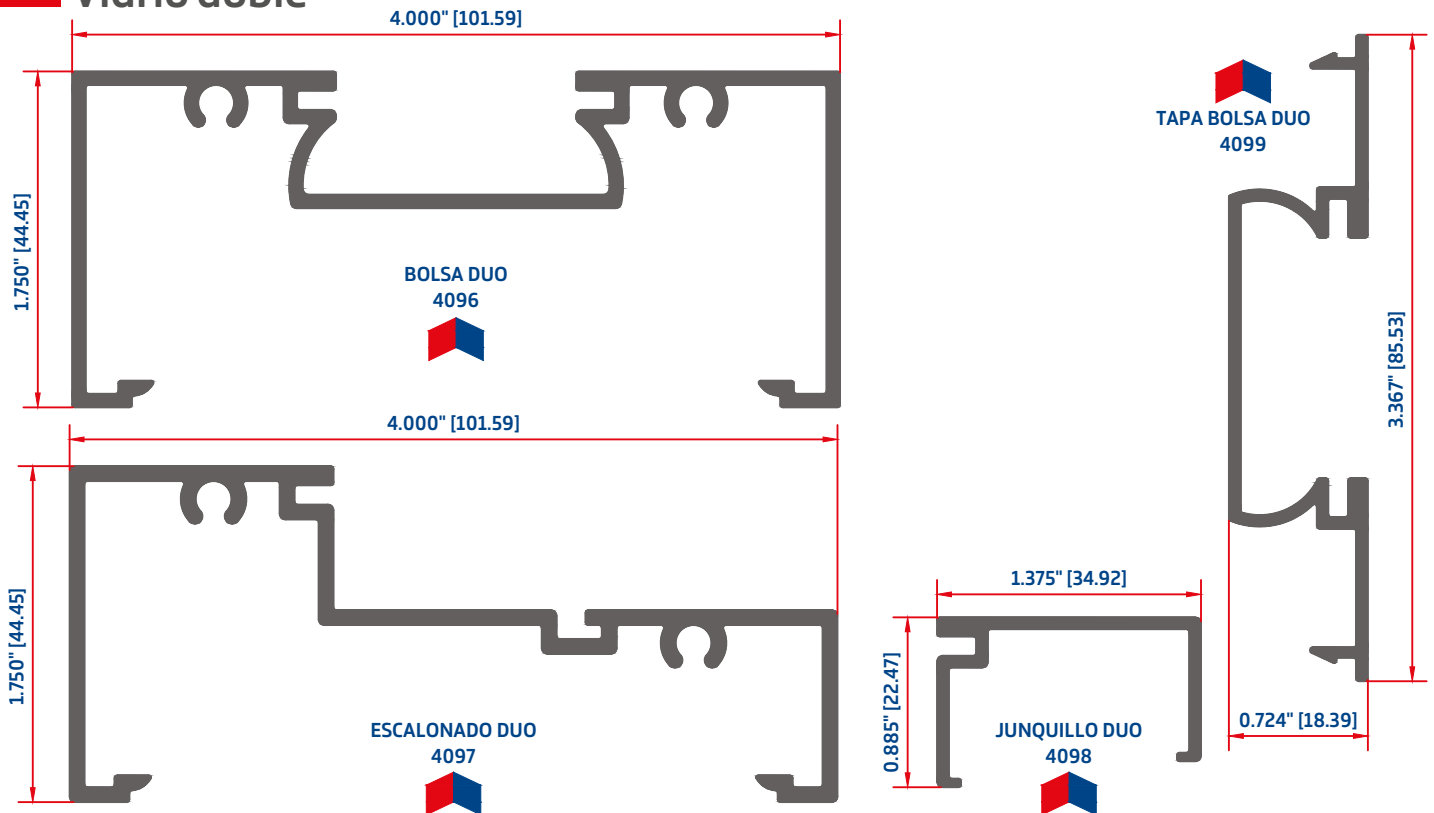
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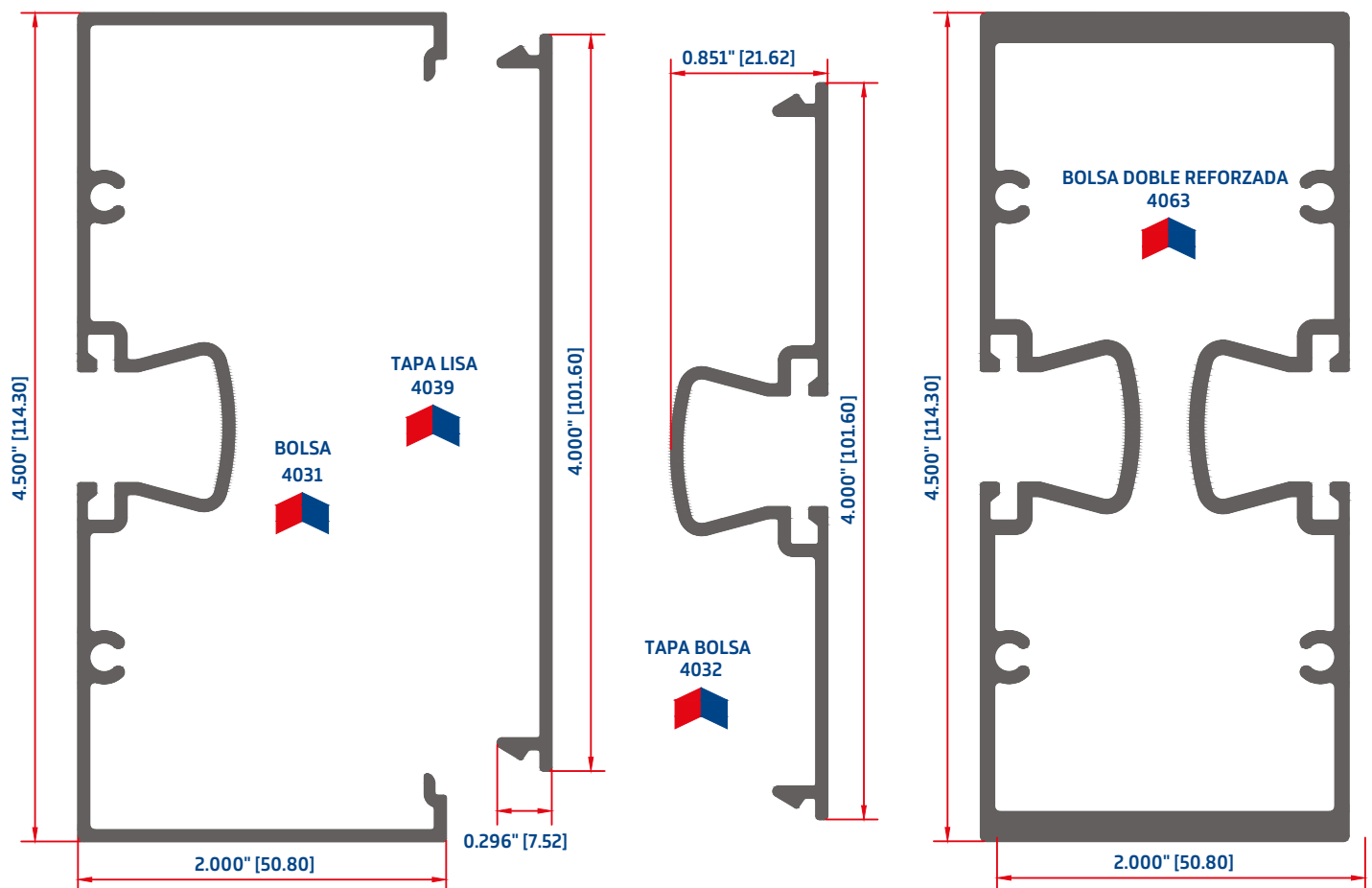


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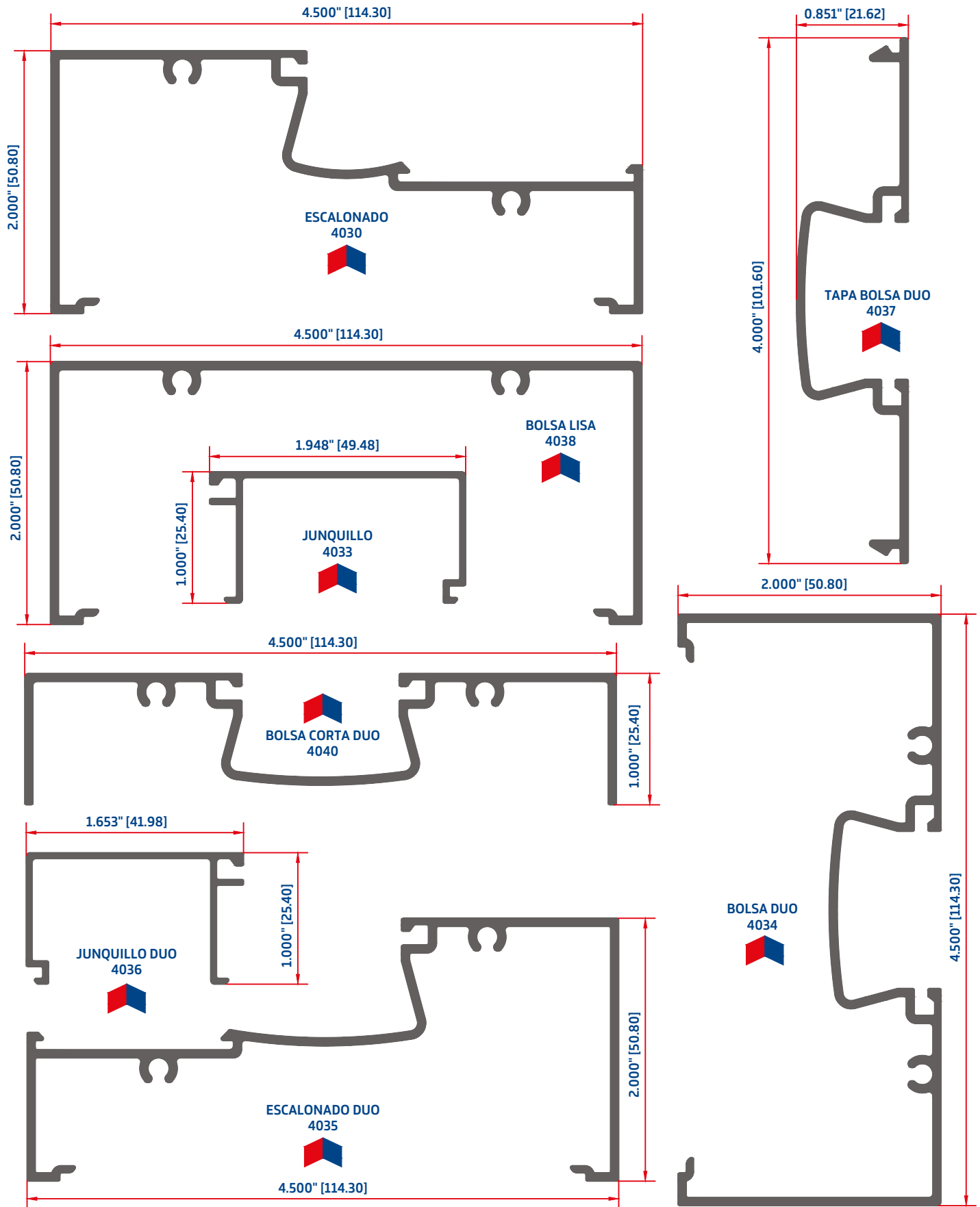
Vidrio doble



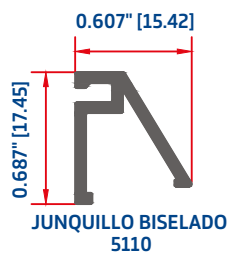
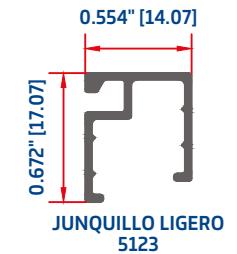
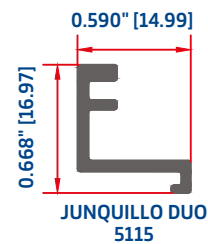
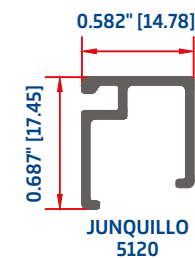
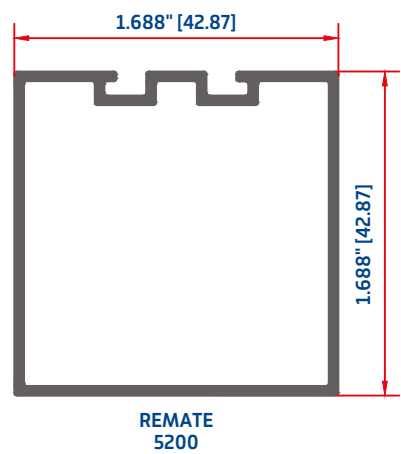
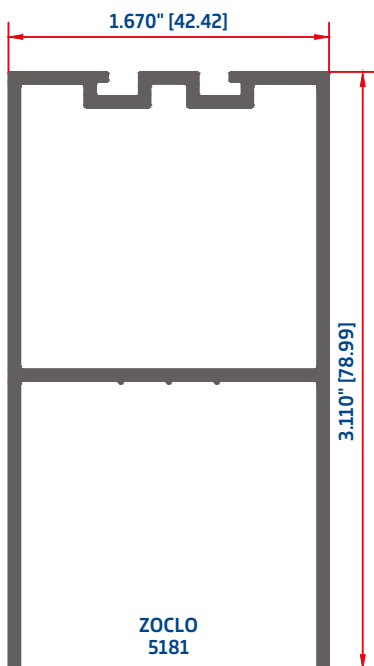
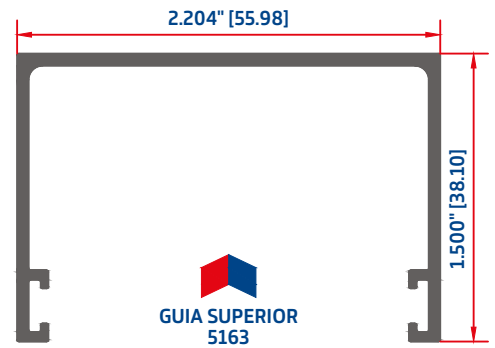
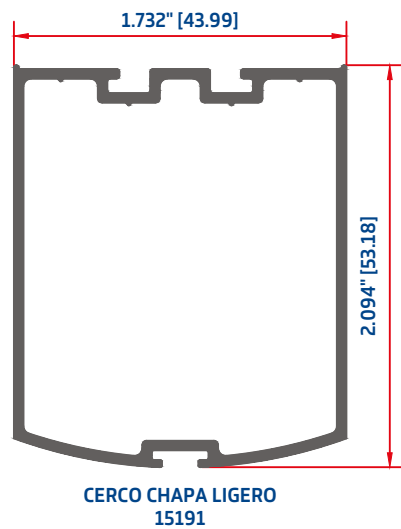
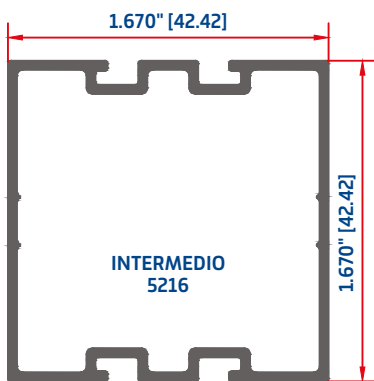
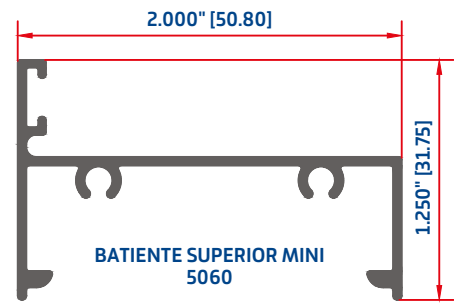
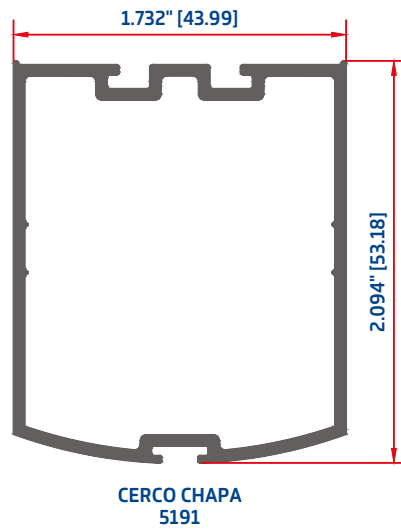
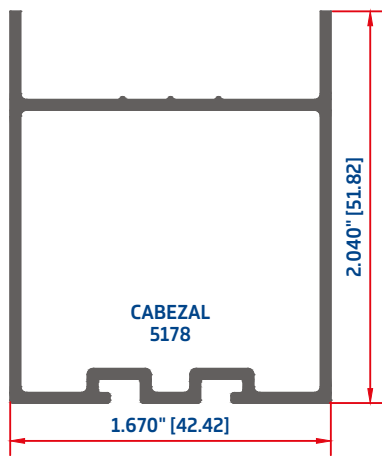
## Ventana fija de 4 1/2"



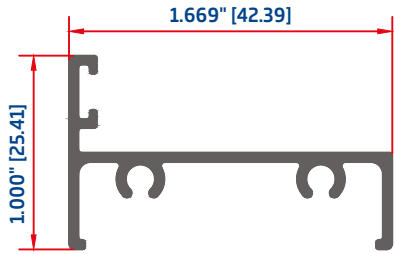
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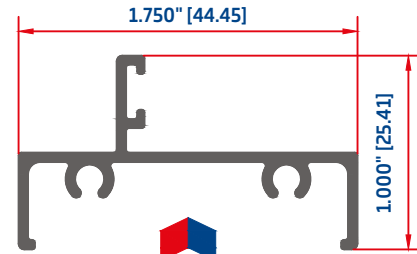
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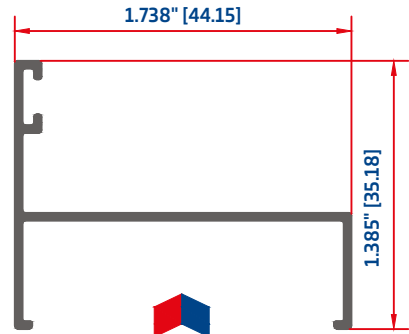
# Batientes



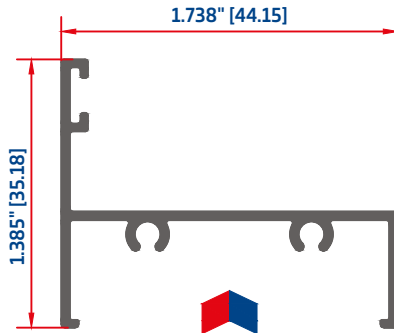
BATIENTE SUPERIOR  
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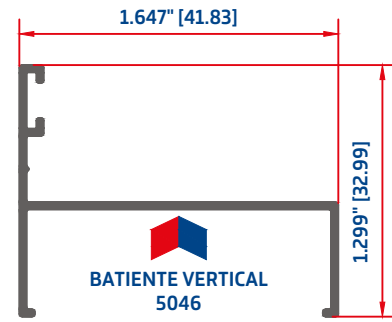
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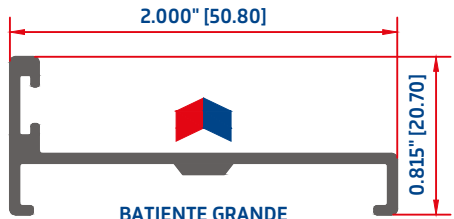
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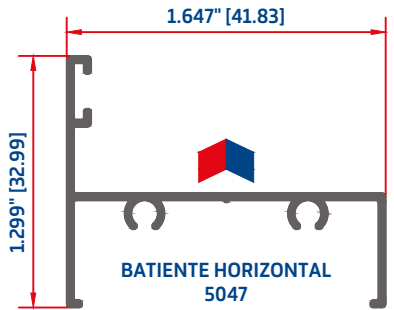
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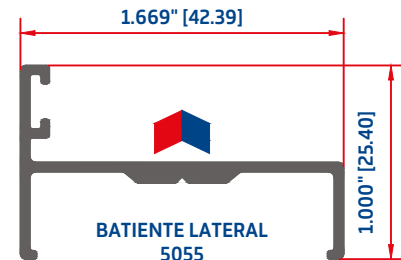
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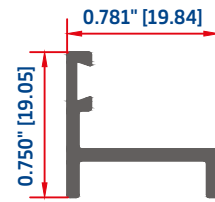
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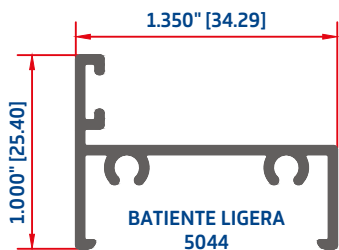
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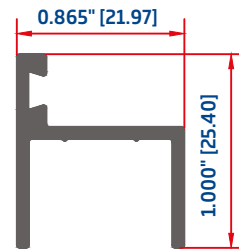
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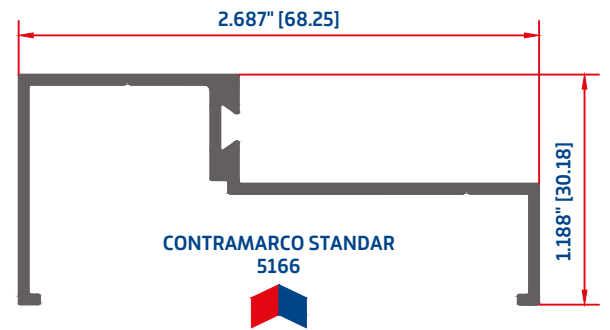
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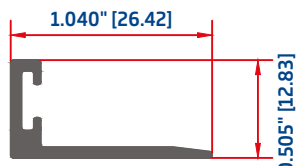
BATIENTE LIGERA  
5044



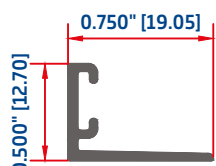
BATIENTE LIGERA  
16565



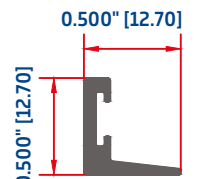
CONTRAMARCO STANDAR  
5166



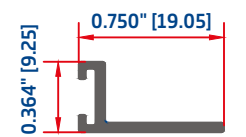
BATIENTE MEDIANO  
5174



BATIENTE DE 3/4"  
5132

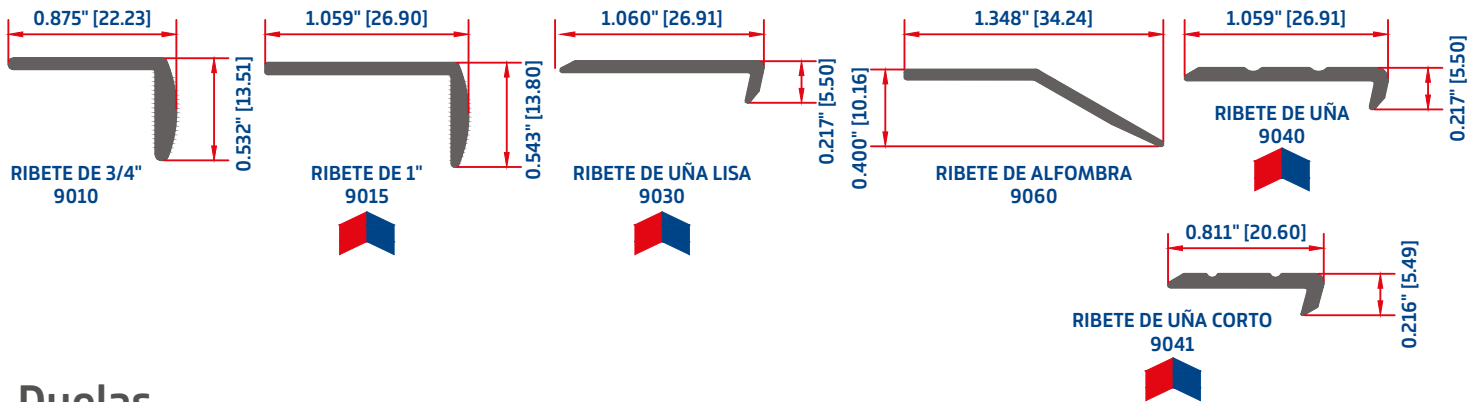


BATIENTE CHICO  
5130

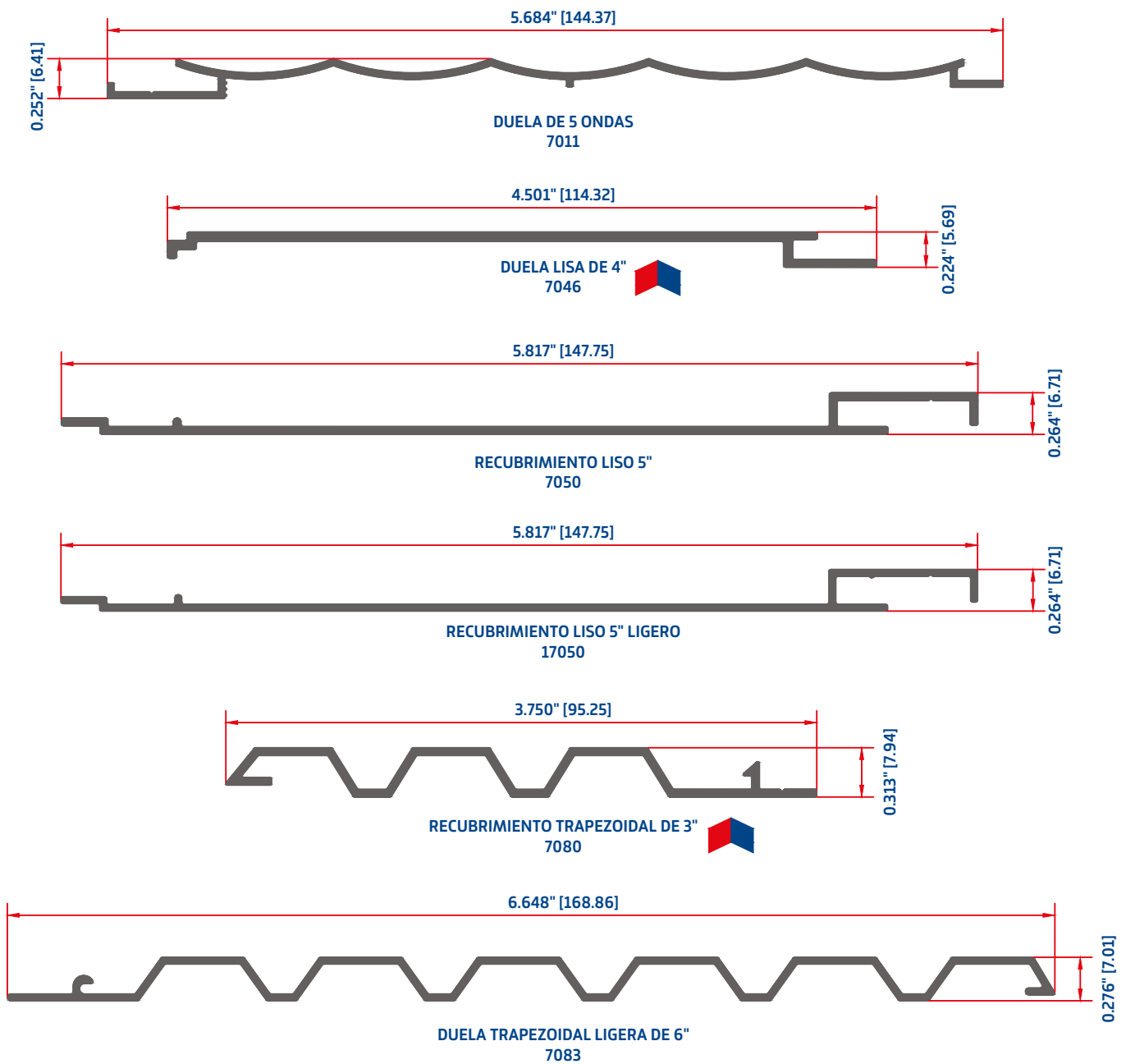


BATIENTE INVERTIDO  
5108

## Ribetes



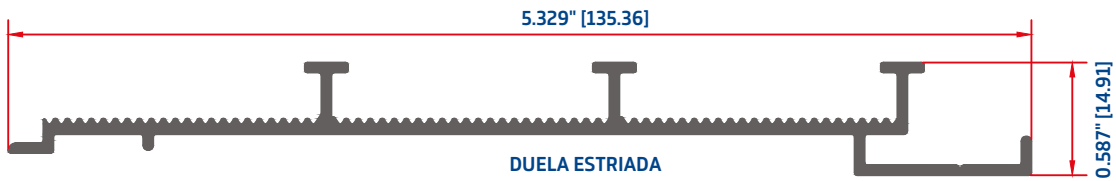
## Duelas



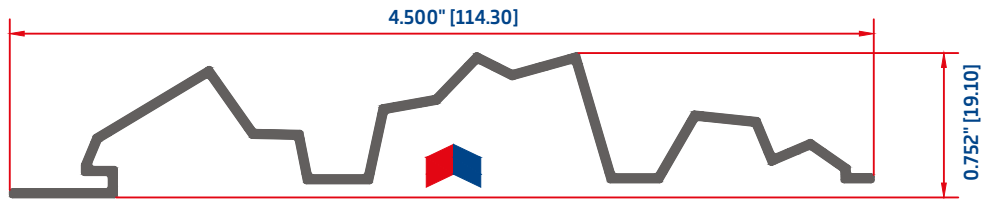
# Duelas



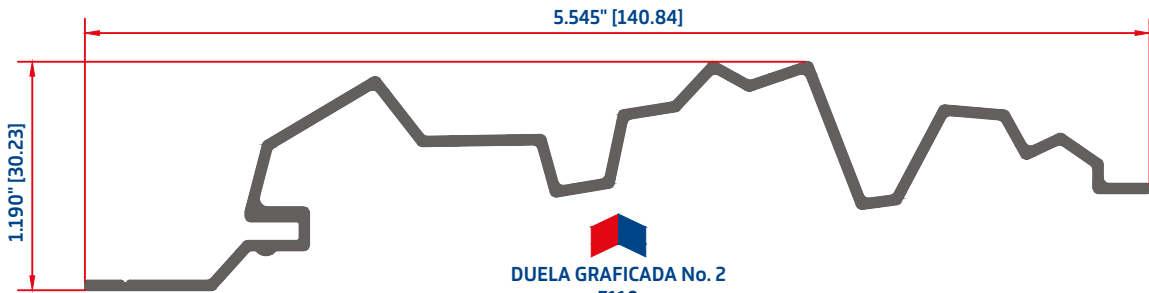
RECUBRIMIENTO ENTRECALLES DE 4 1/4"  
7081



DUELA ESTRIADA  
7090



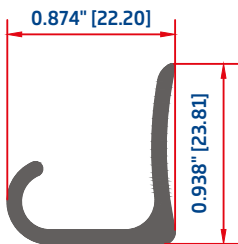
RECUBRIMIENTO GRAFICADO No. 2 DE 4 1/2"  
7109



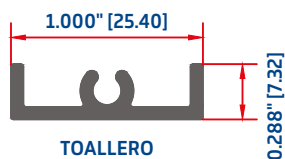
DUELA GRAFICADA No. 2  
7110



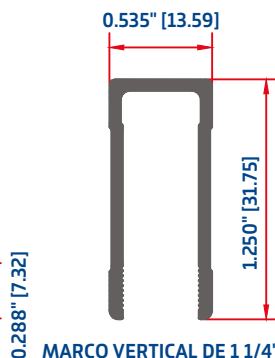
# Canceles para baño



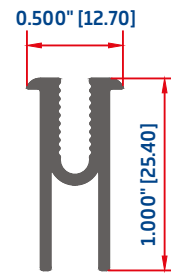
JALADERA LIGERA  
6594



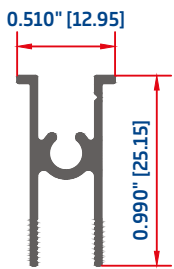
TOALLERO  
6530



MARCO VERTICAL DE 1 1/4"  
6557



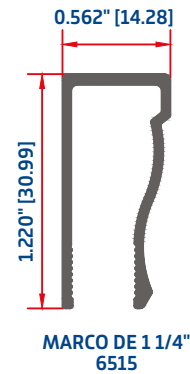
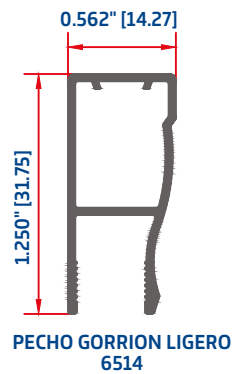
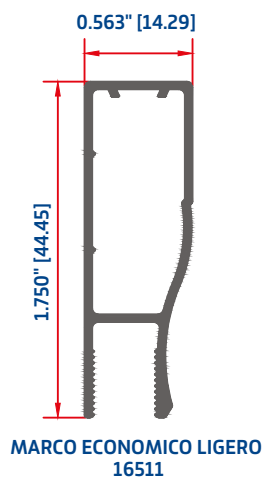
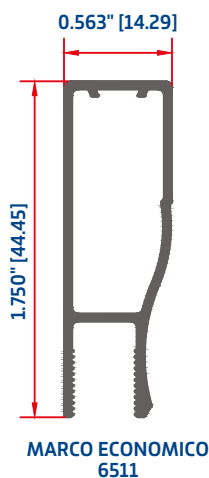
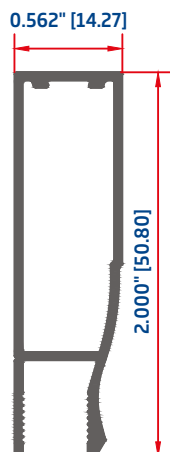
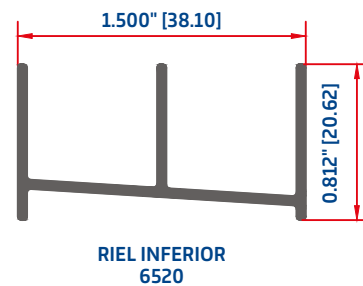
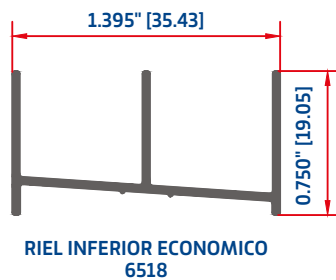
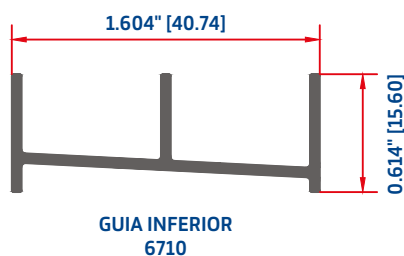
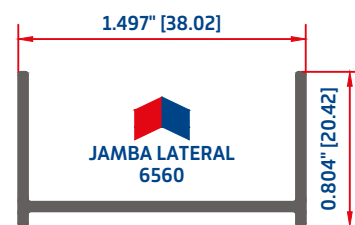
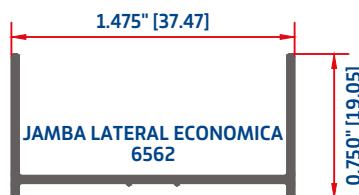
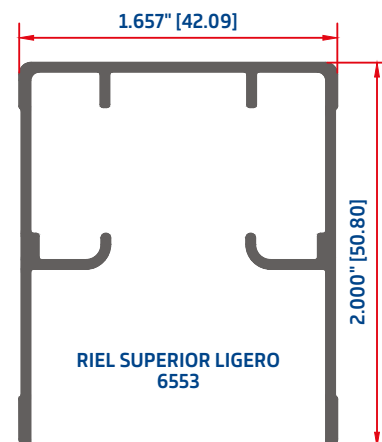
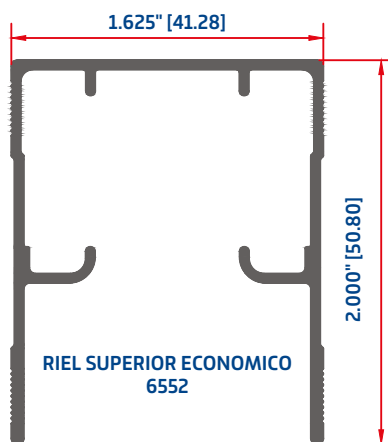
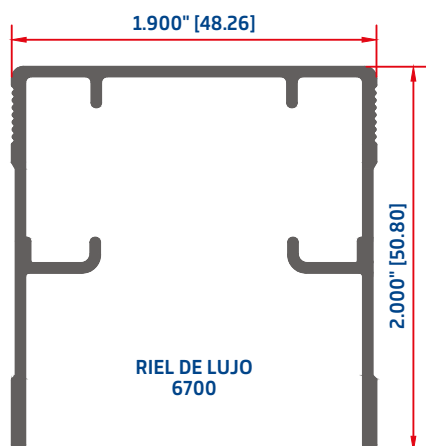
MARCO HORIZONTAL 1"  
6555



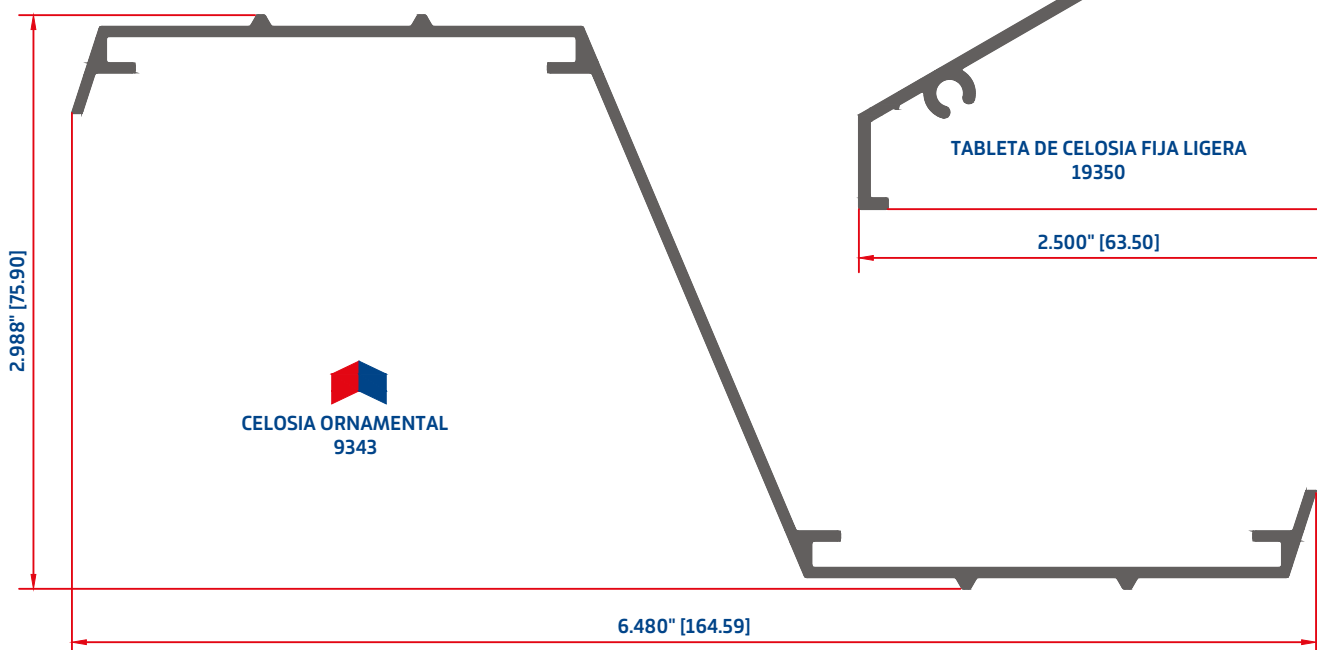
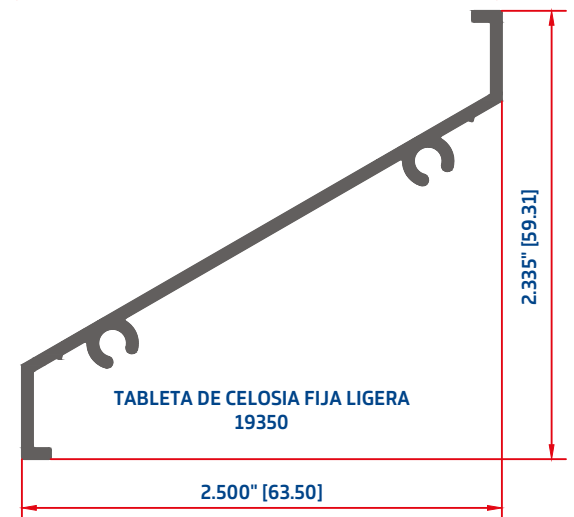
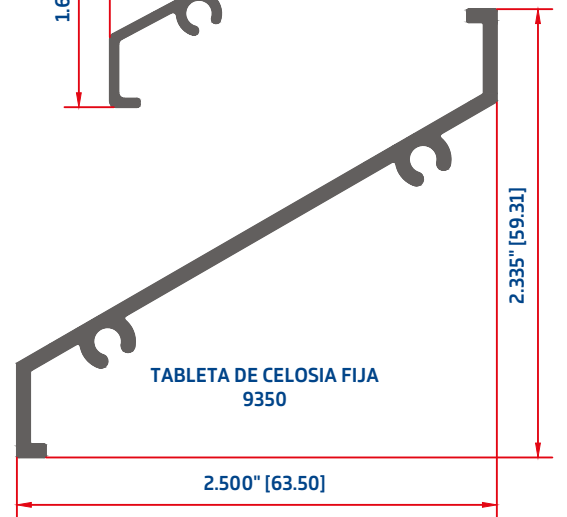
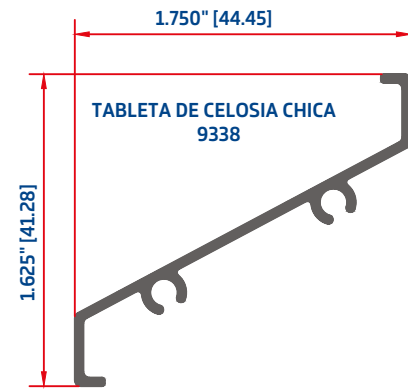
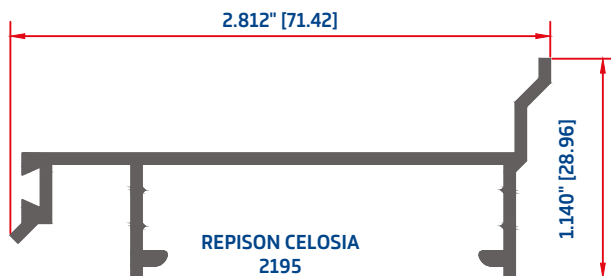
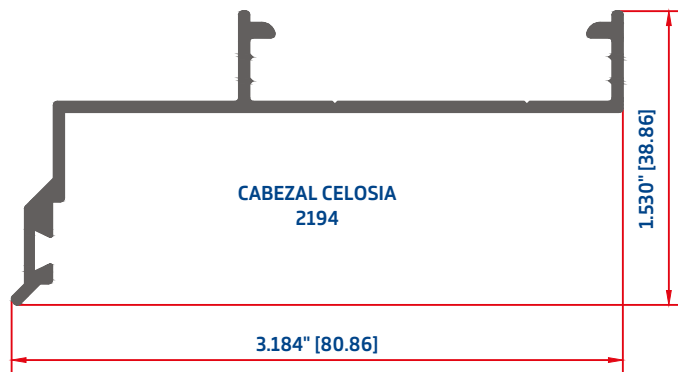
MARCO  
6556



## Canceles para baño



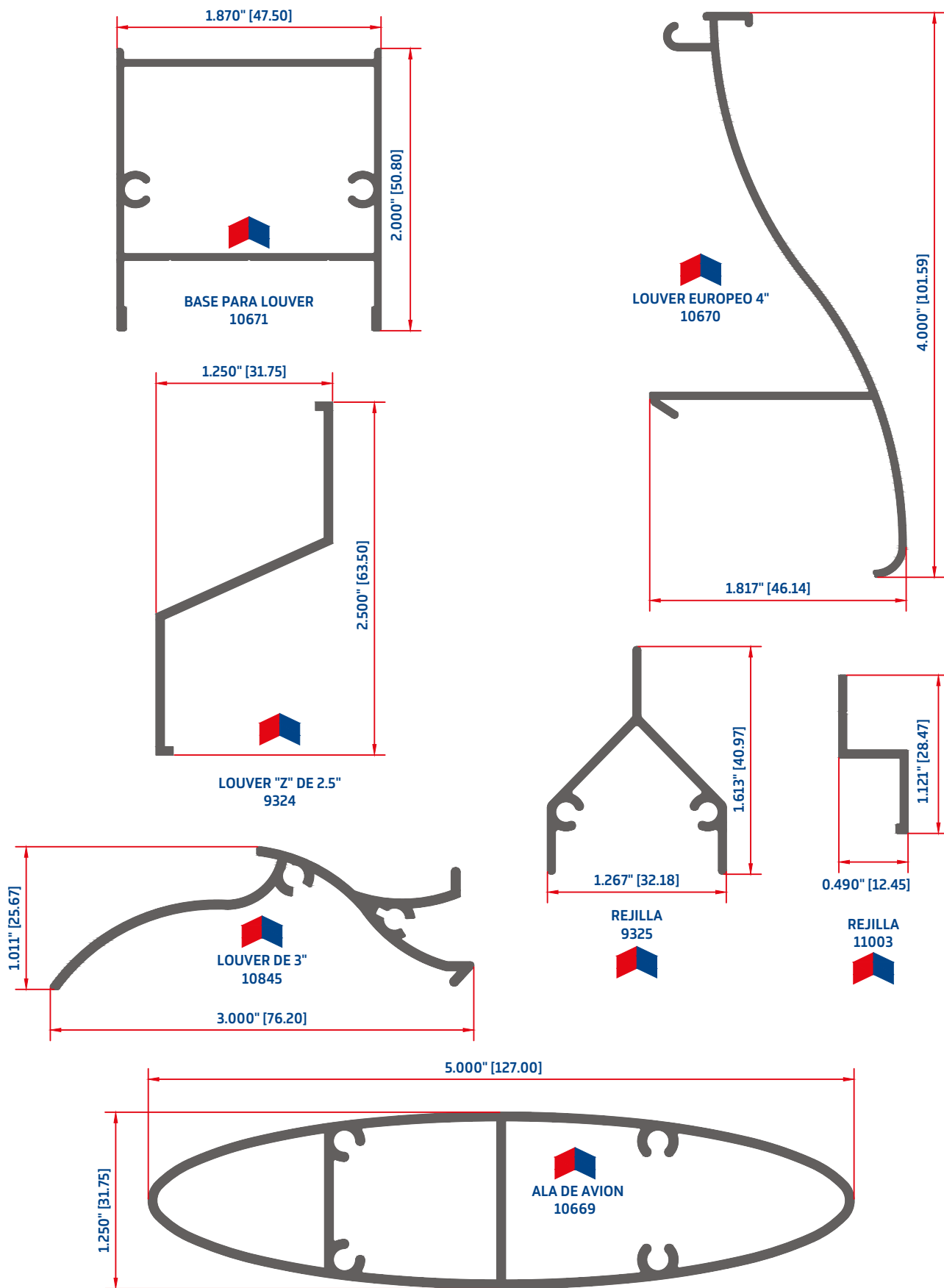
## Celosias y louvers



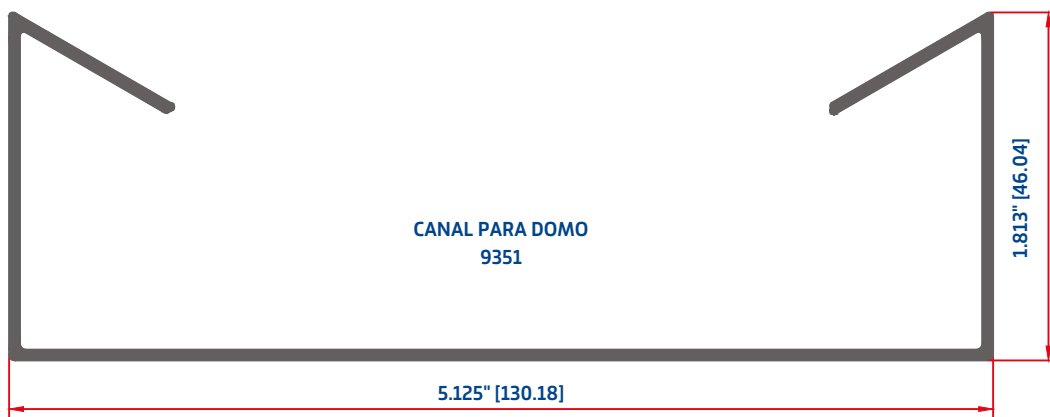
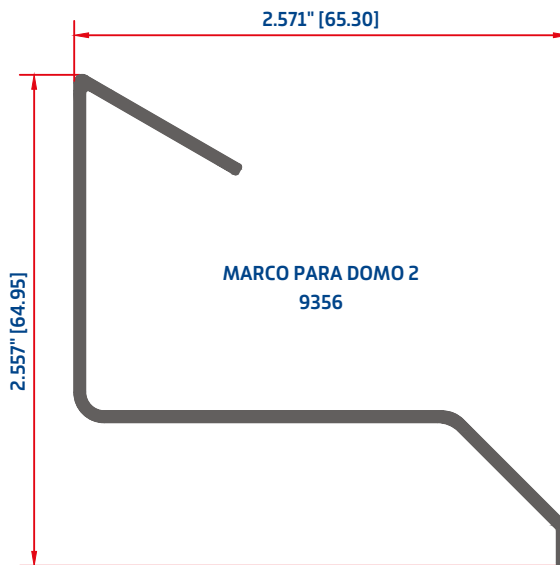
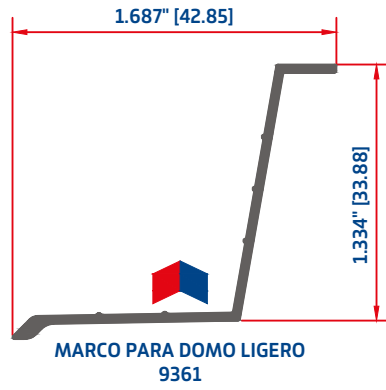
  
CELOSIA ORNAMENTAL  
9343



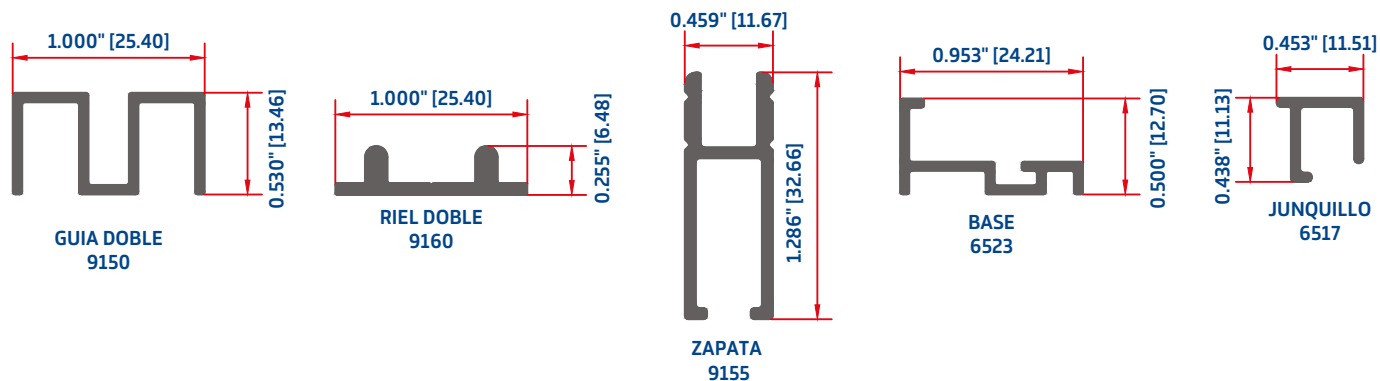
## Celosias y louvers



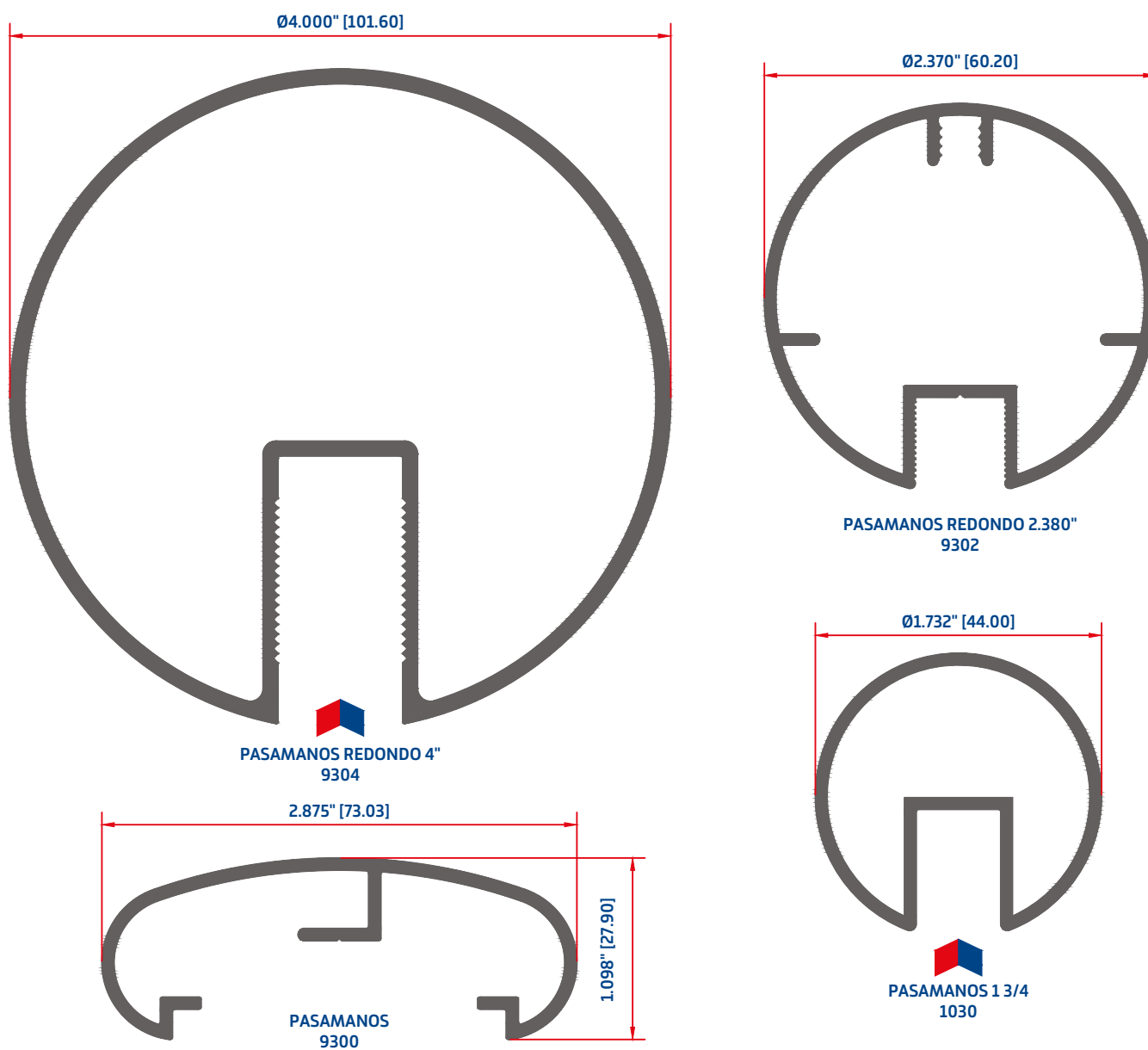
# Domos



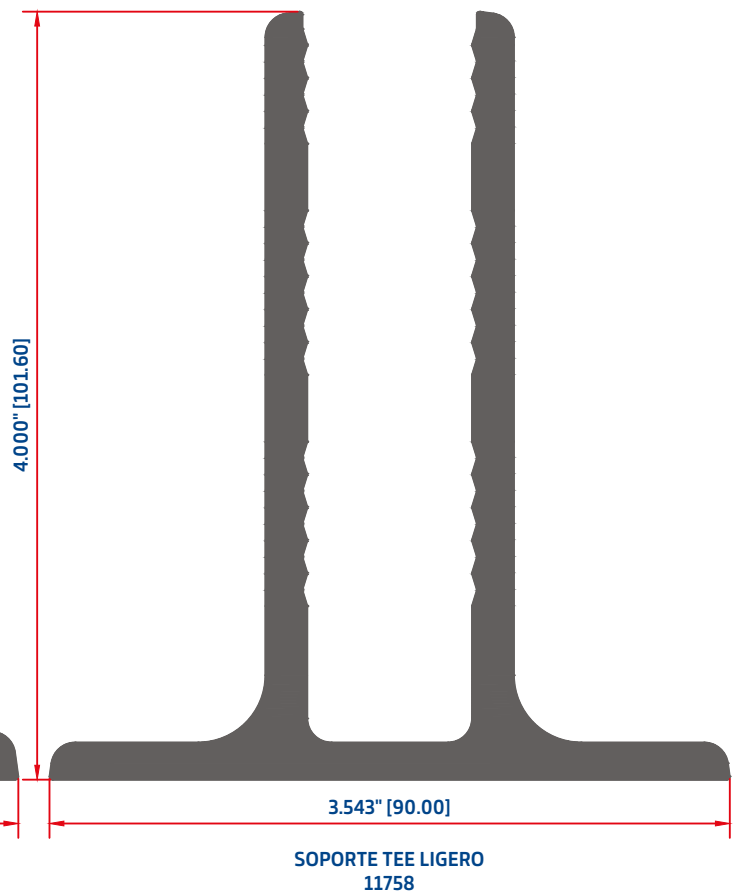
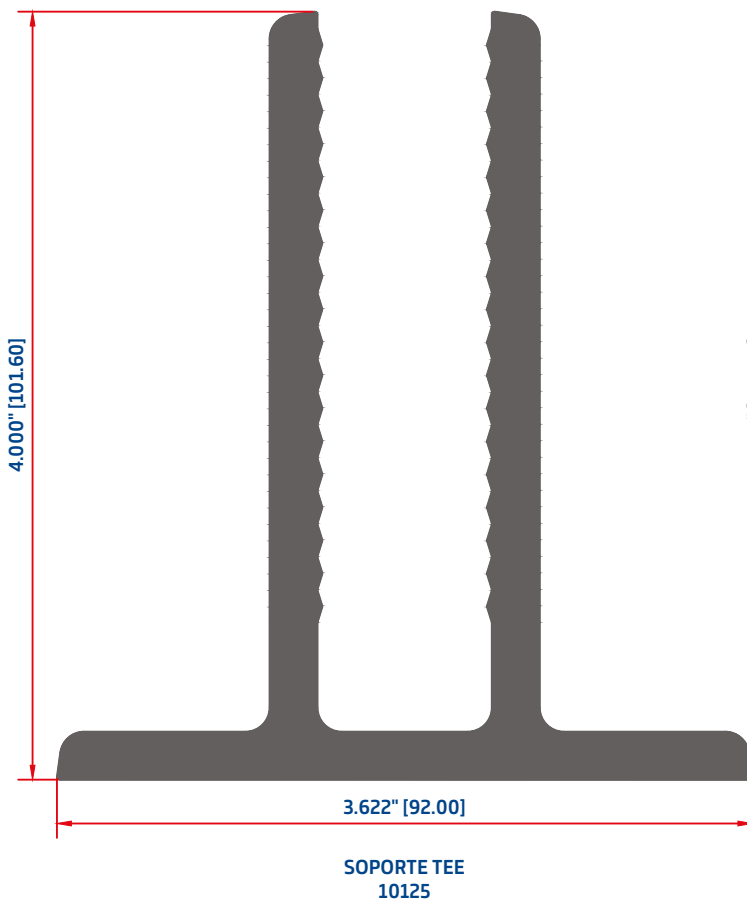
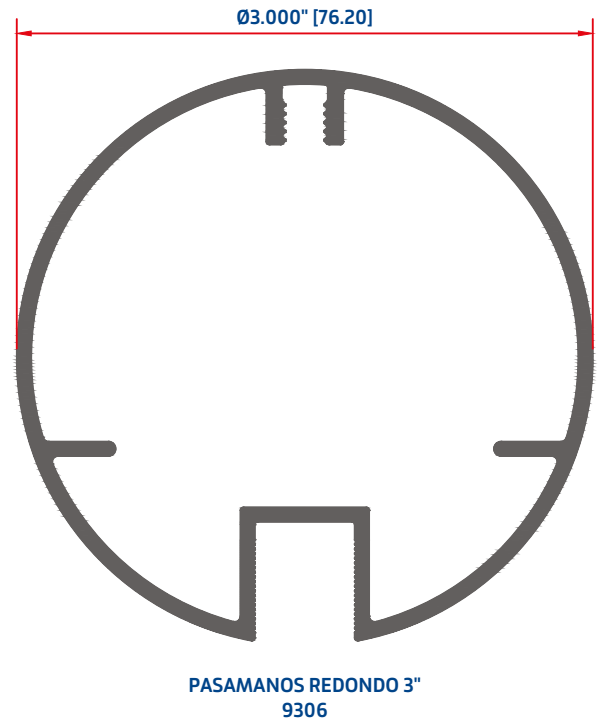
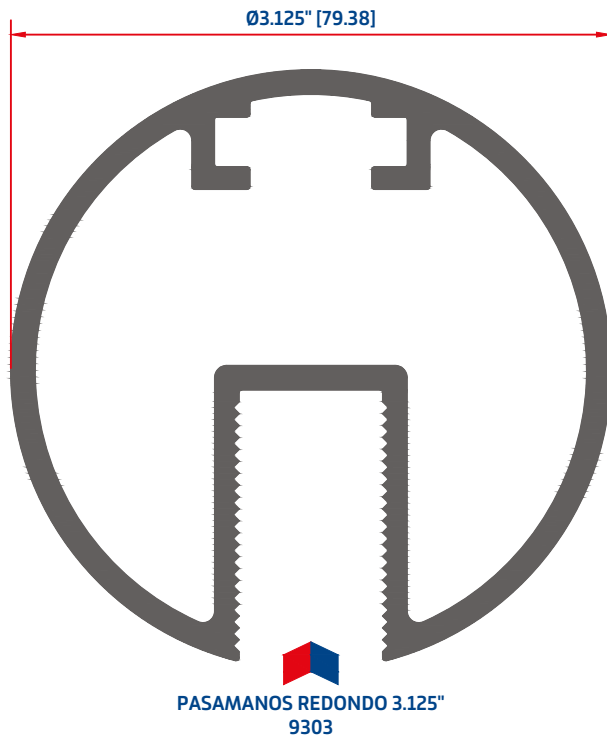
## Perfiles para vitrina



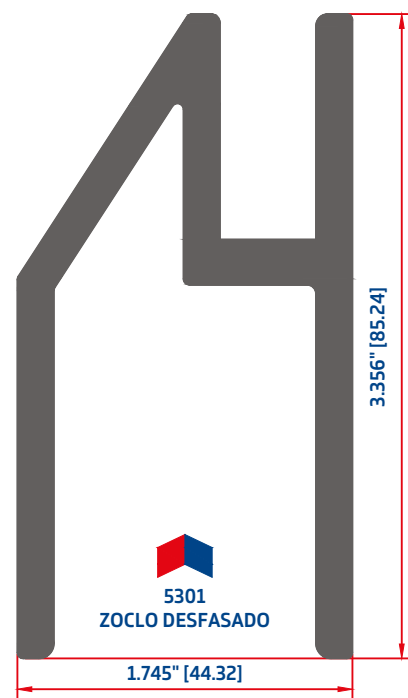
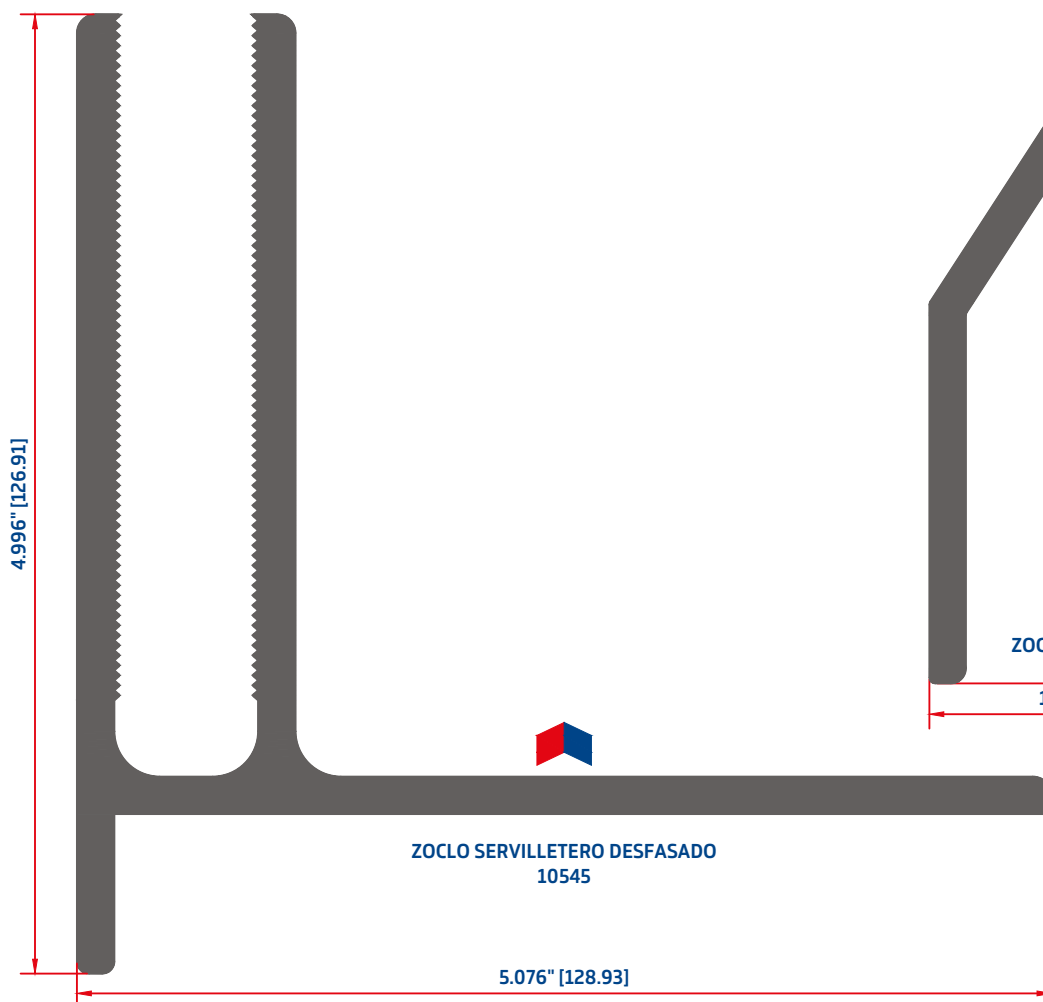
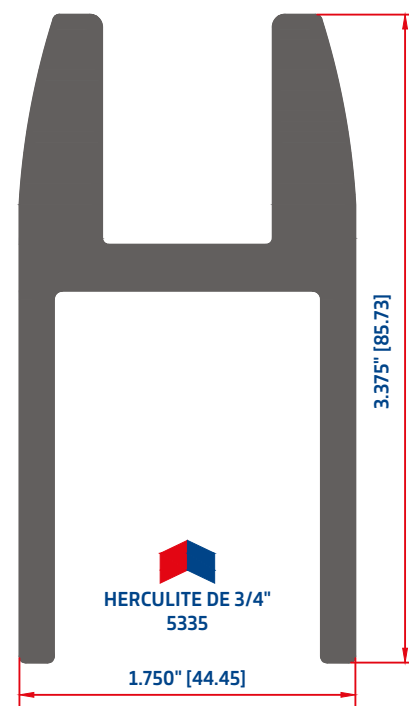
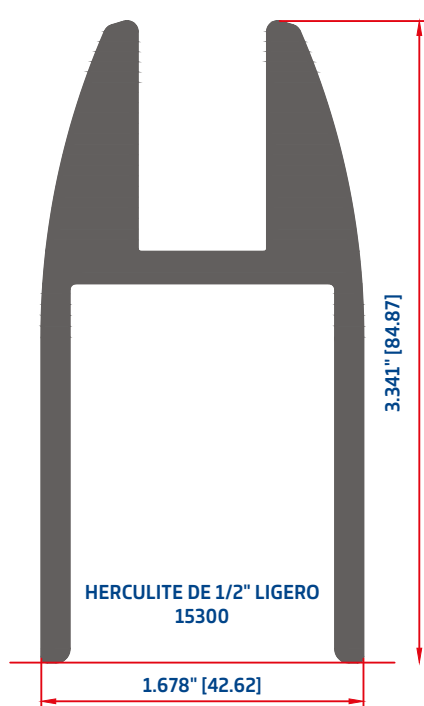
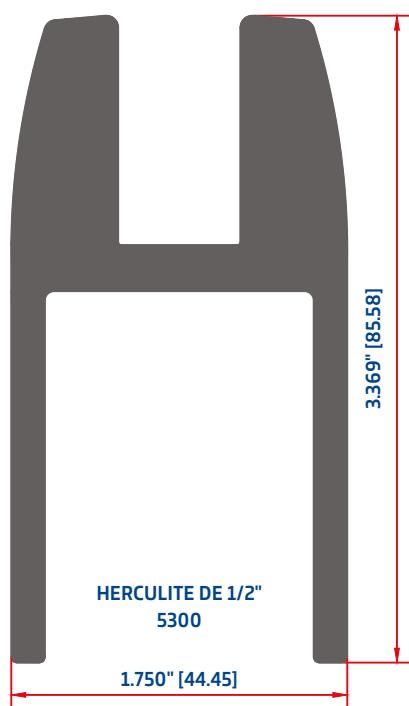
## Pasamanos y zoclos



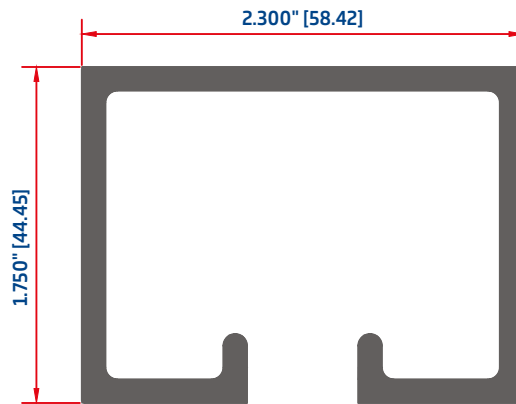
## Pasamanos y zoclos



## Pasamanos y zoclos

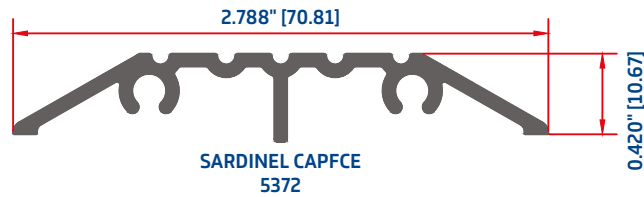


## Riel para portón



RIEL PORTON  
9666

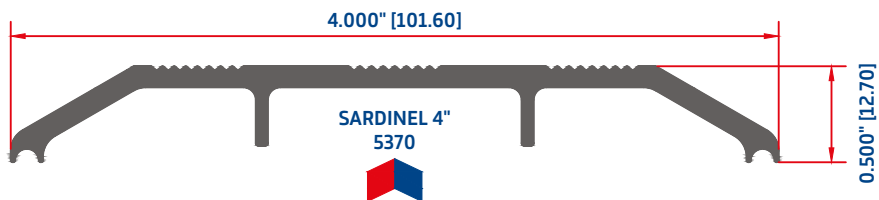
## Sardineles



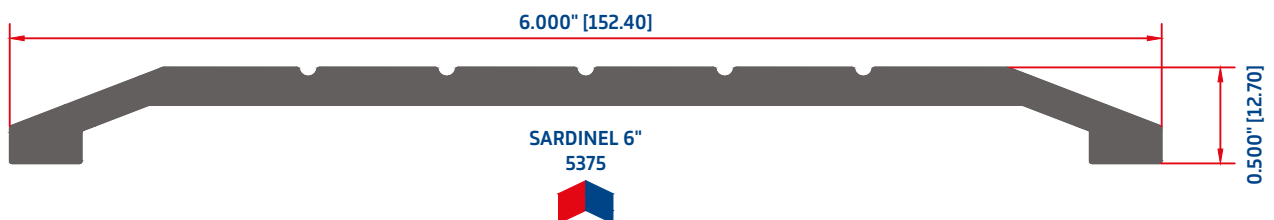
SARDINEL CAPFCE  
5372



SARDINEL DE 3"  
5369

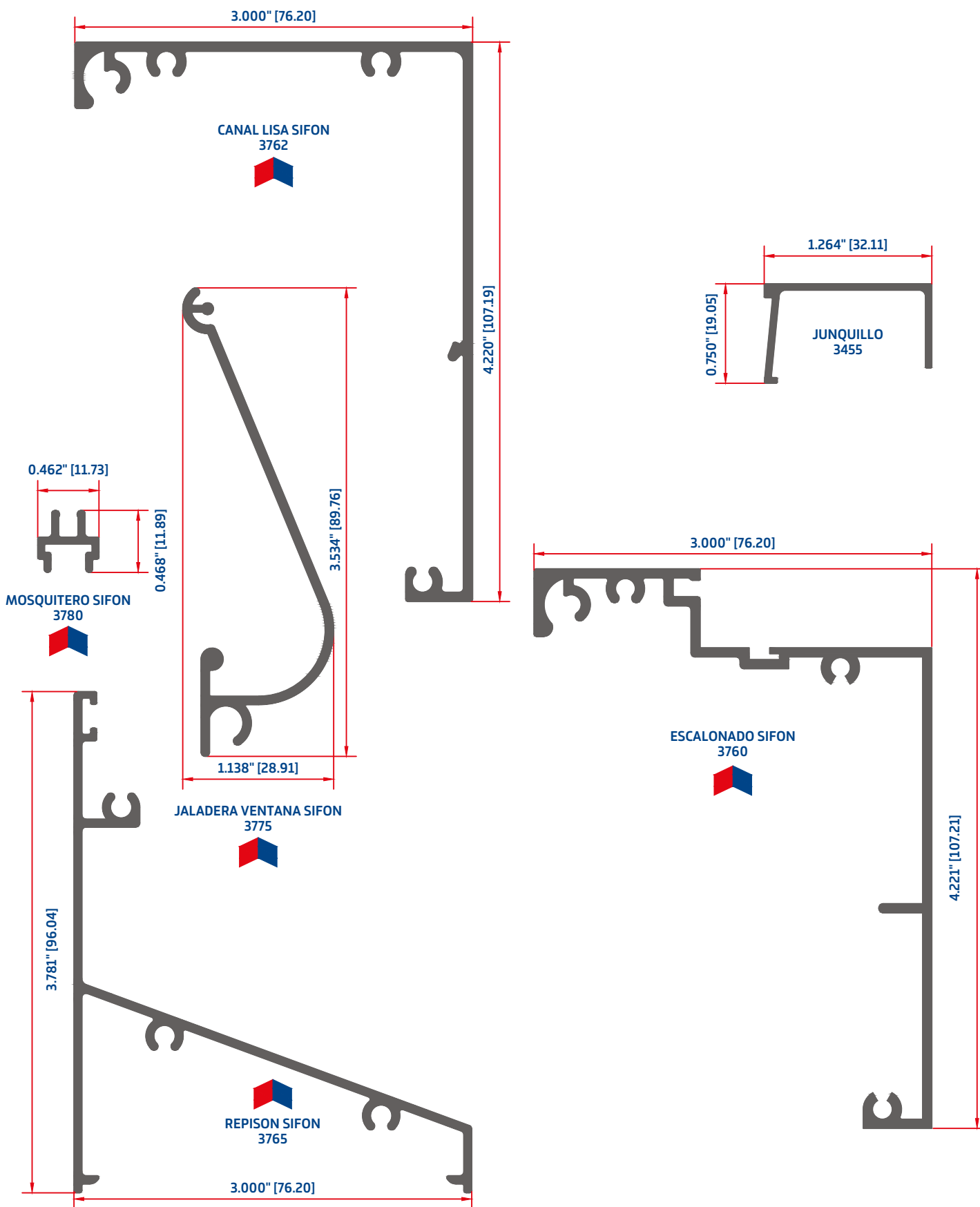


SARDINEL 4"  
5370

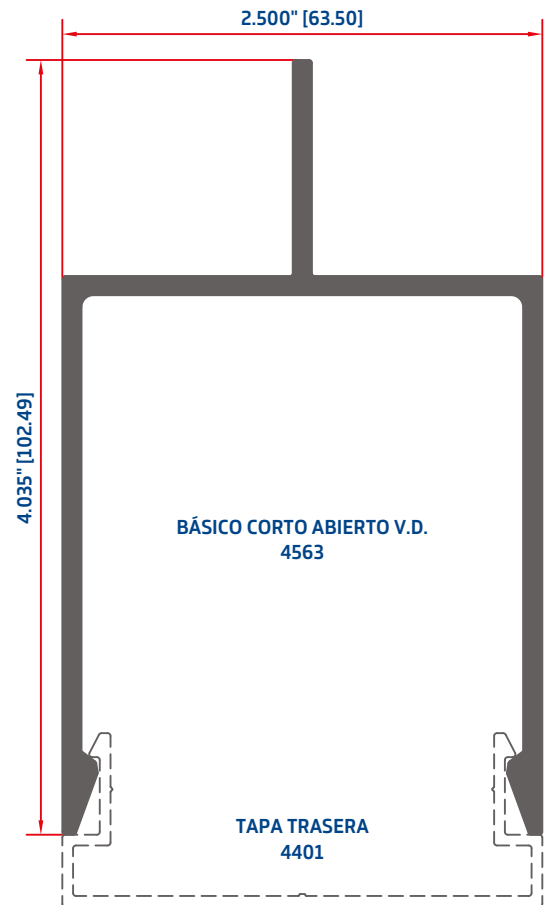
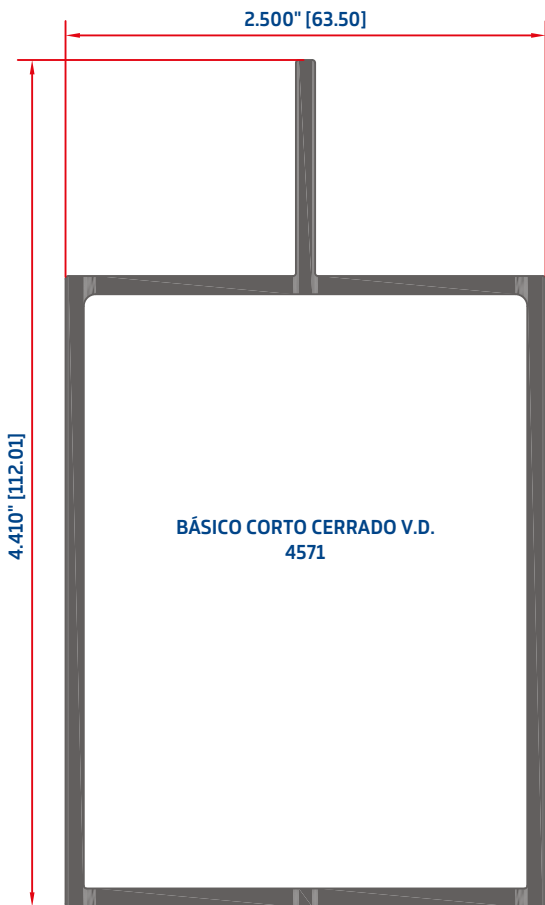


SARDINEL 6"  
5375

## Ventana sifón

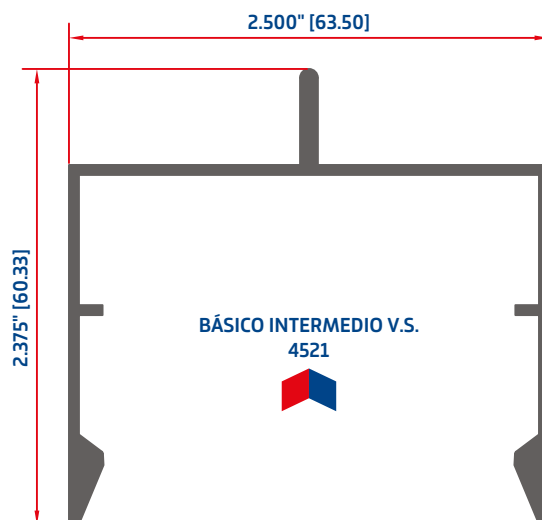
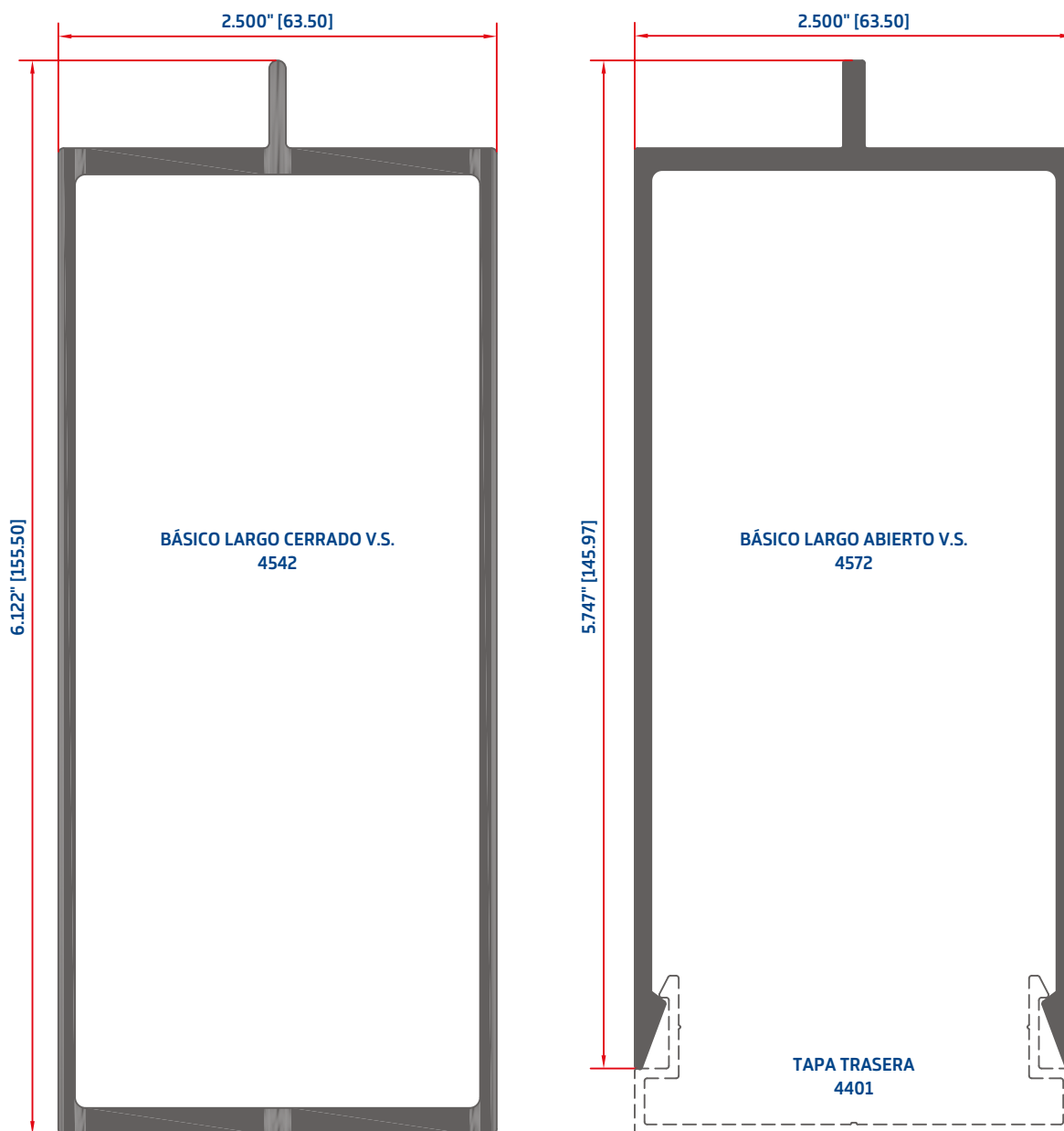


# Fachada integral

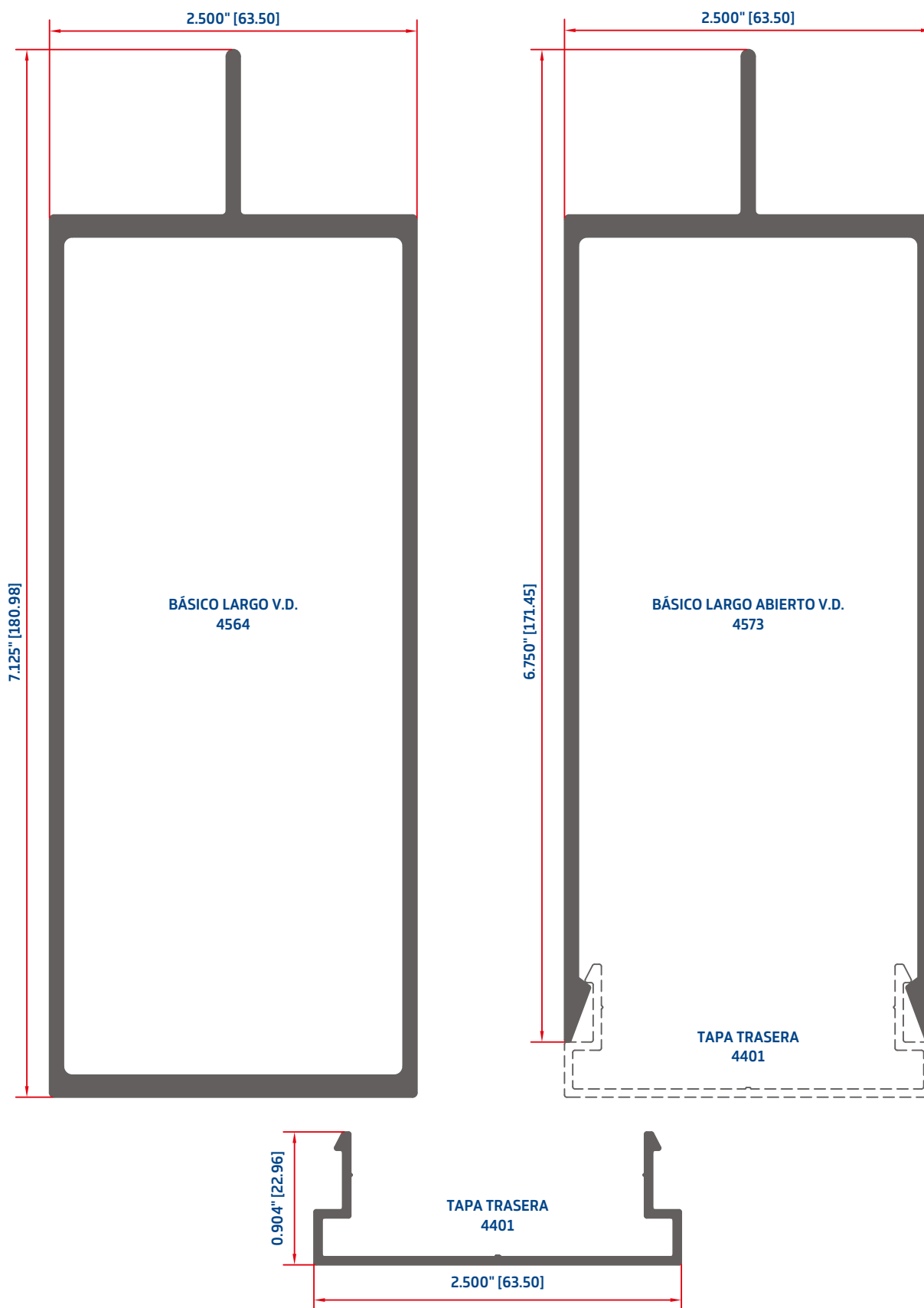




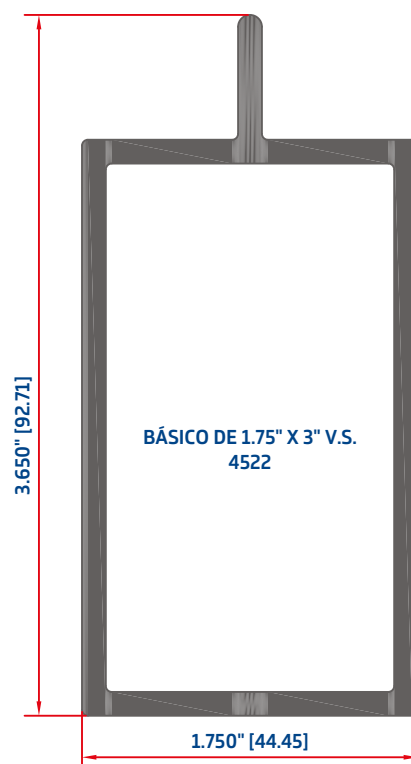
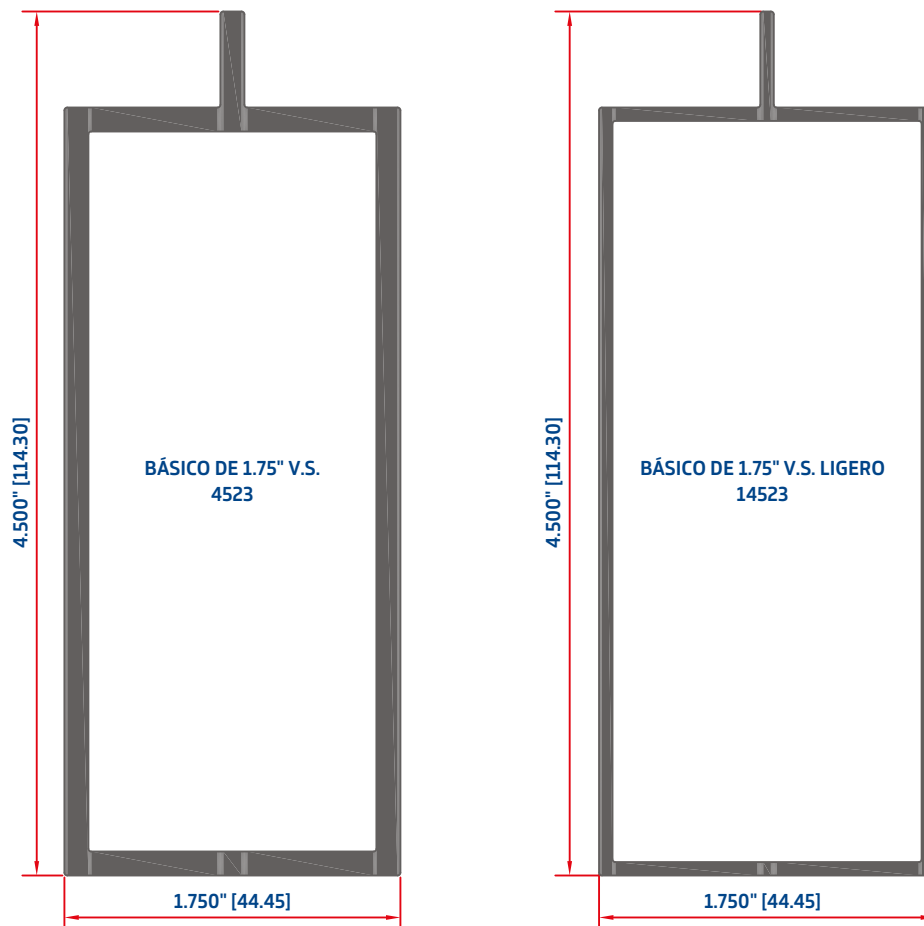
## Fachada integral



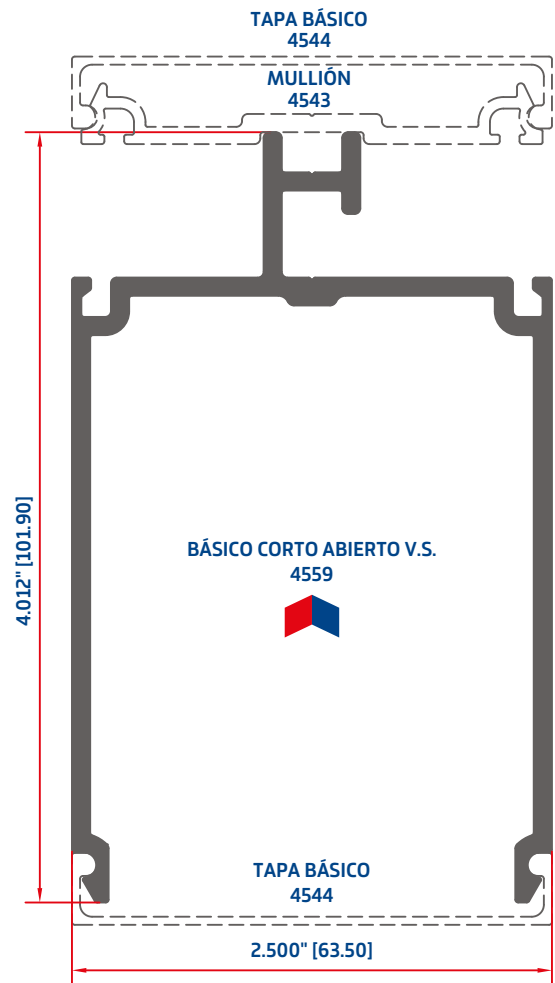
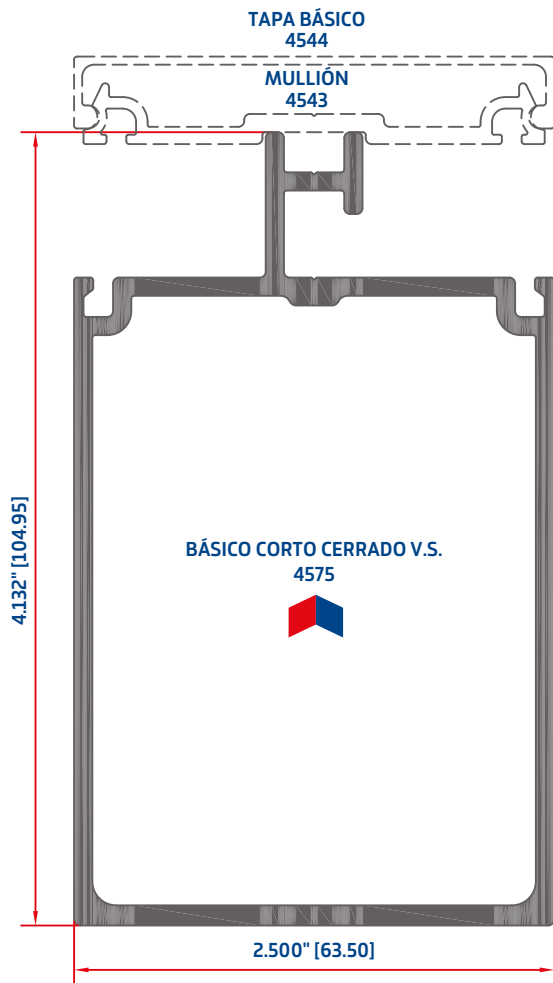
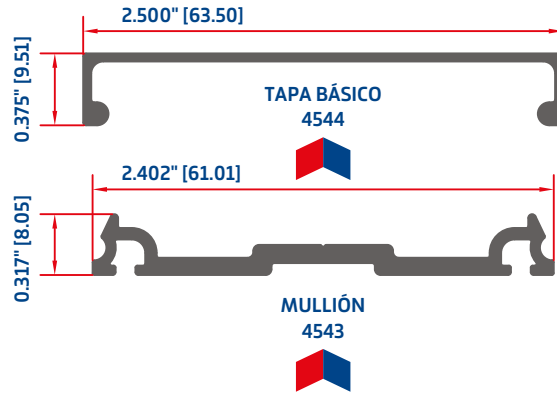
## Fachada integral



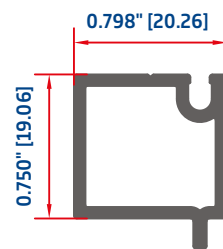
## Fachada integral



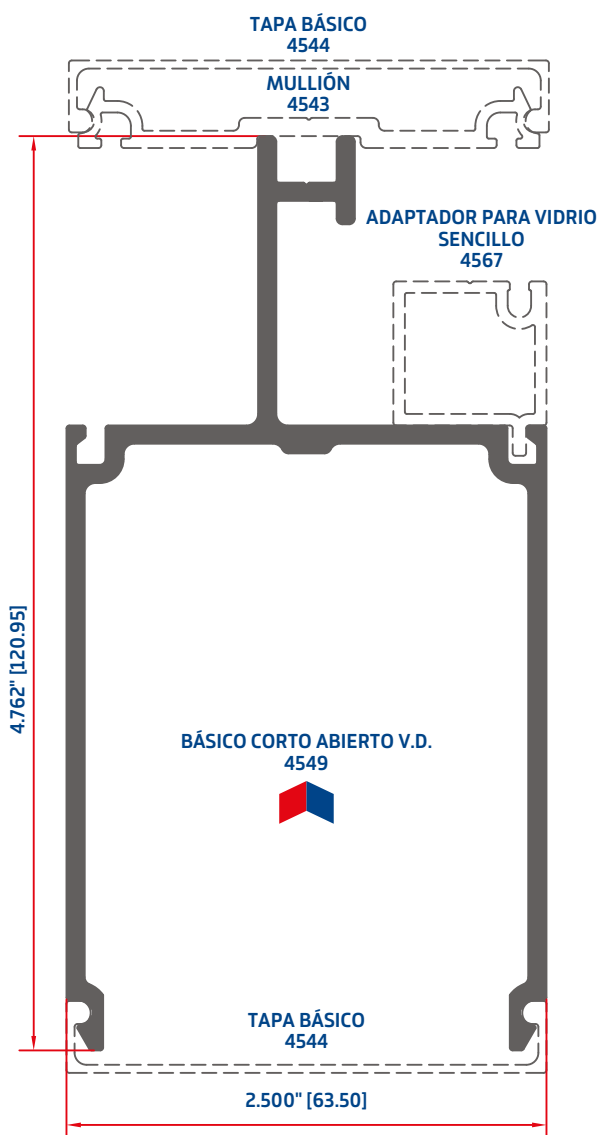
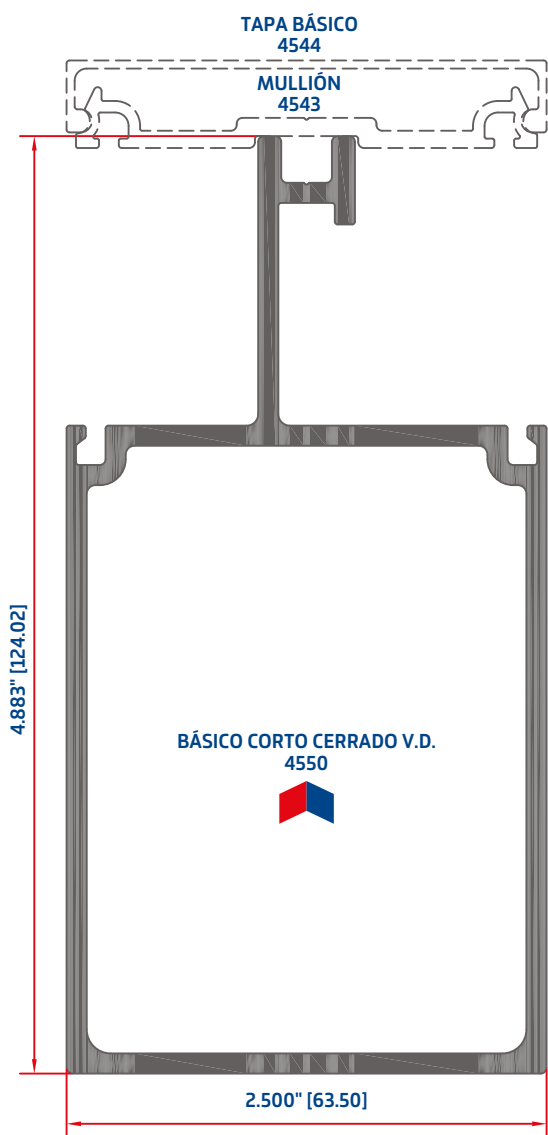
# Fachada integral



# Fachada integral



ADAPTADOR PARA VIDRIO  
SENCILLO  
4567



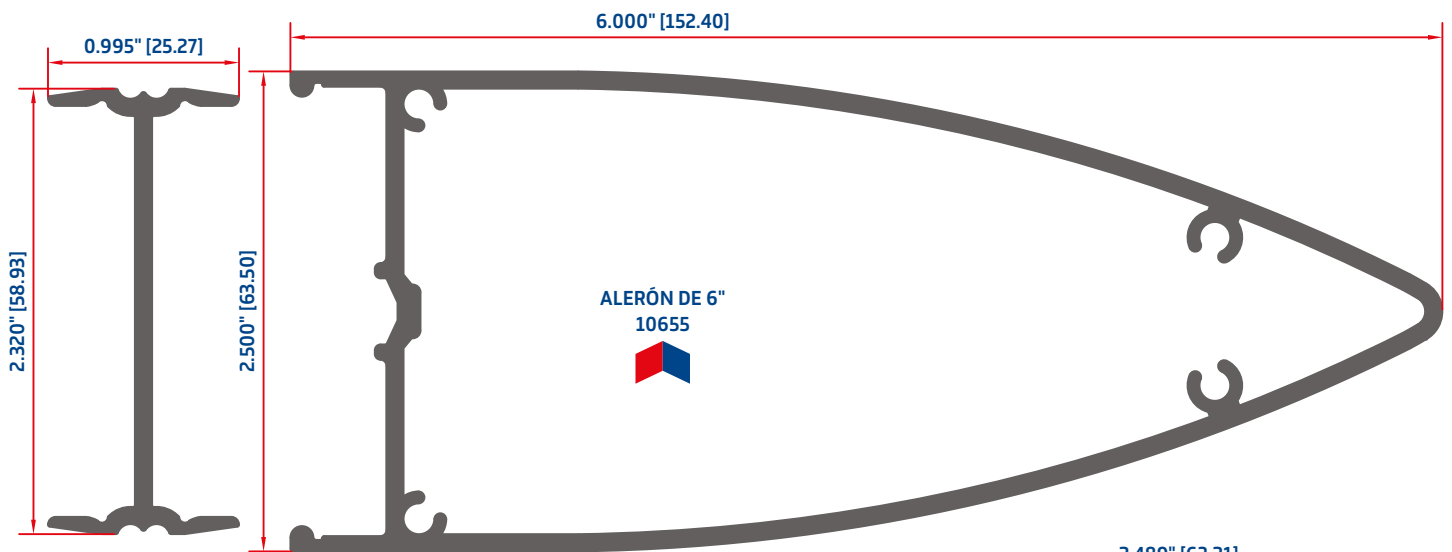
# Fachada integral



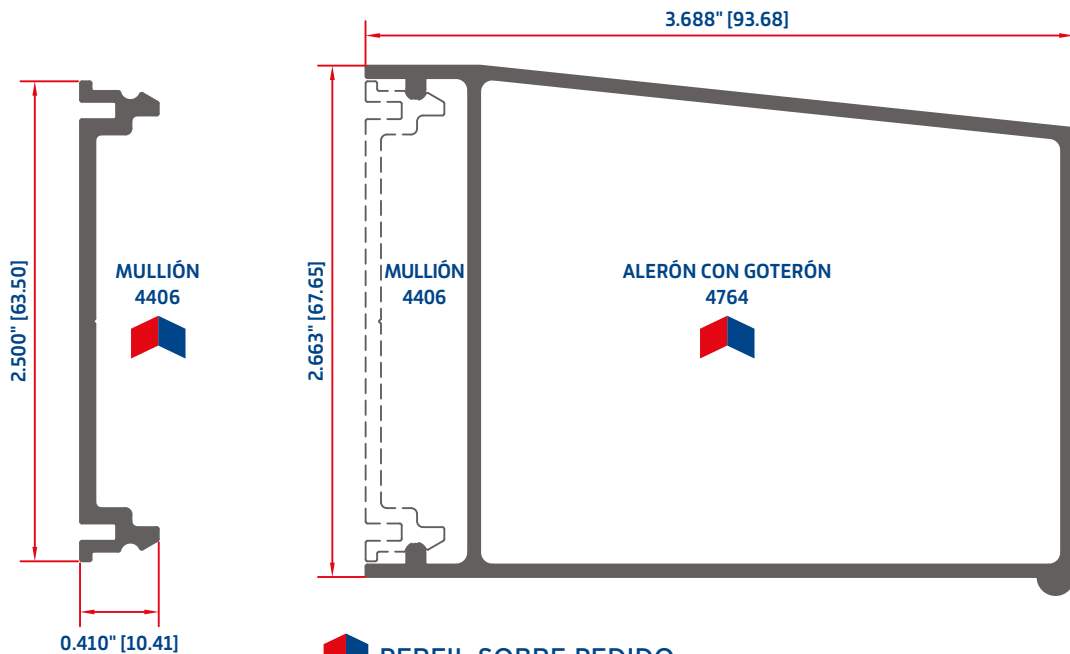
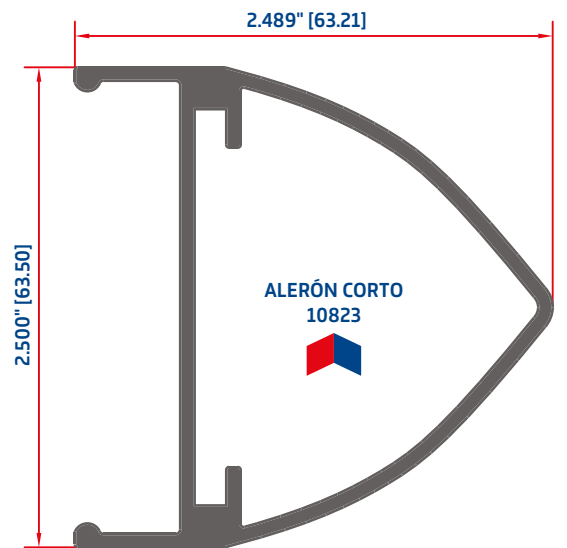
## Fachada integral



# Fachada integral

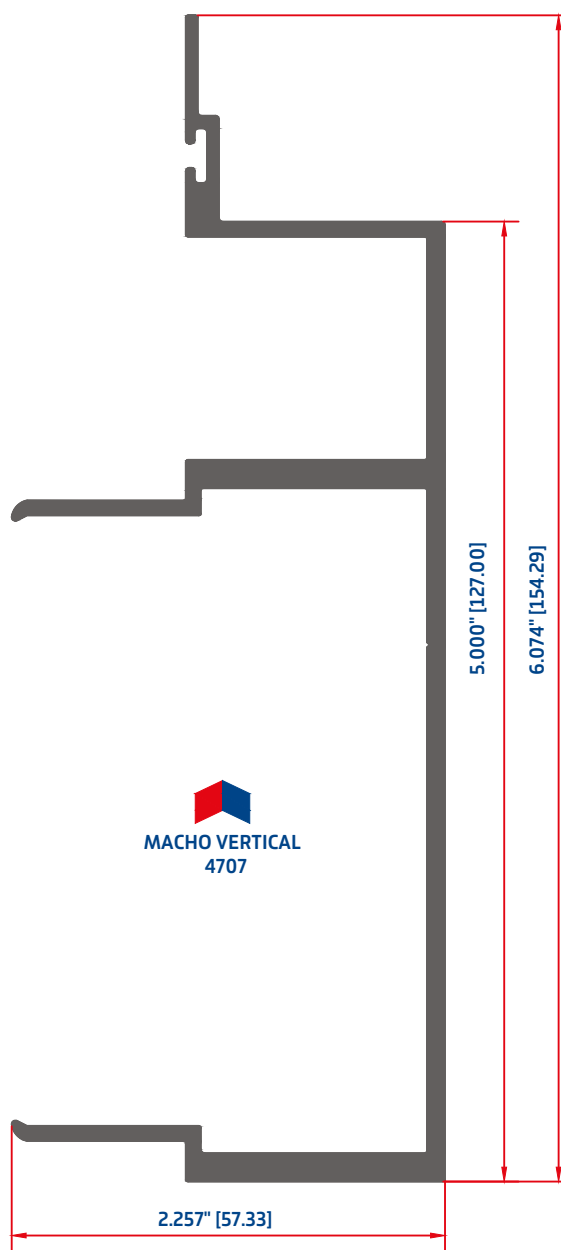
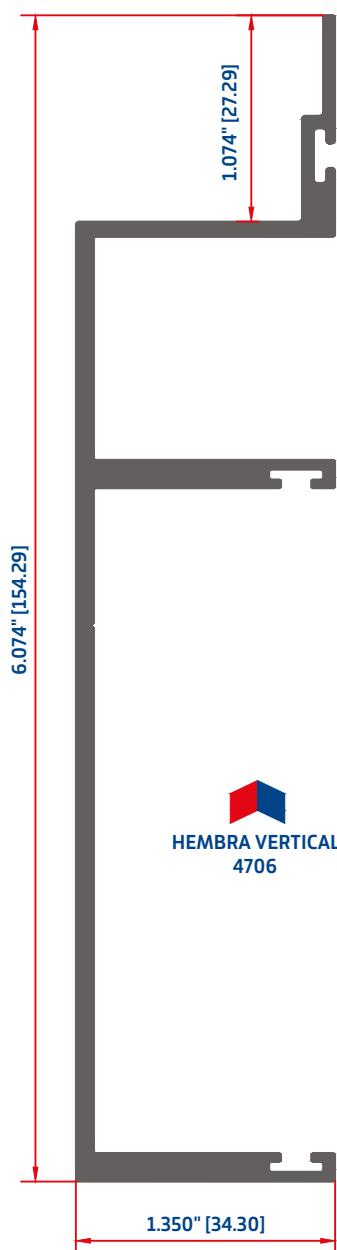
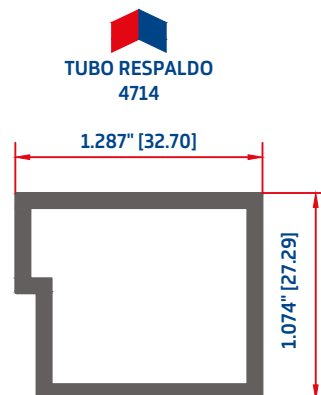
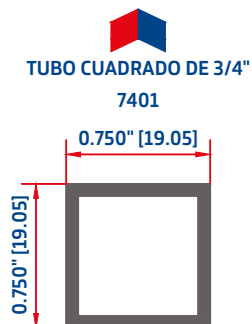


MULLIÓN PARA LOUVER  
10747

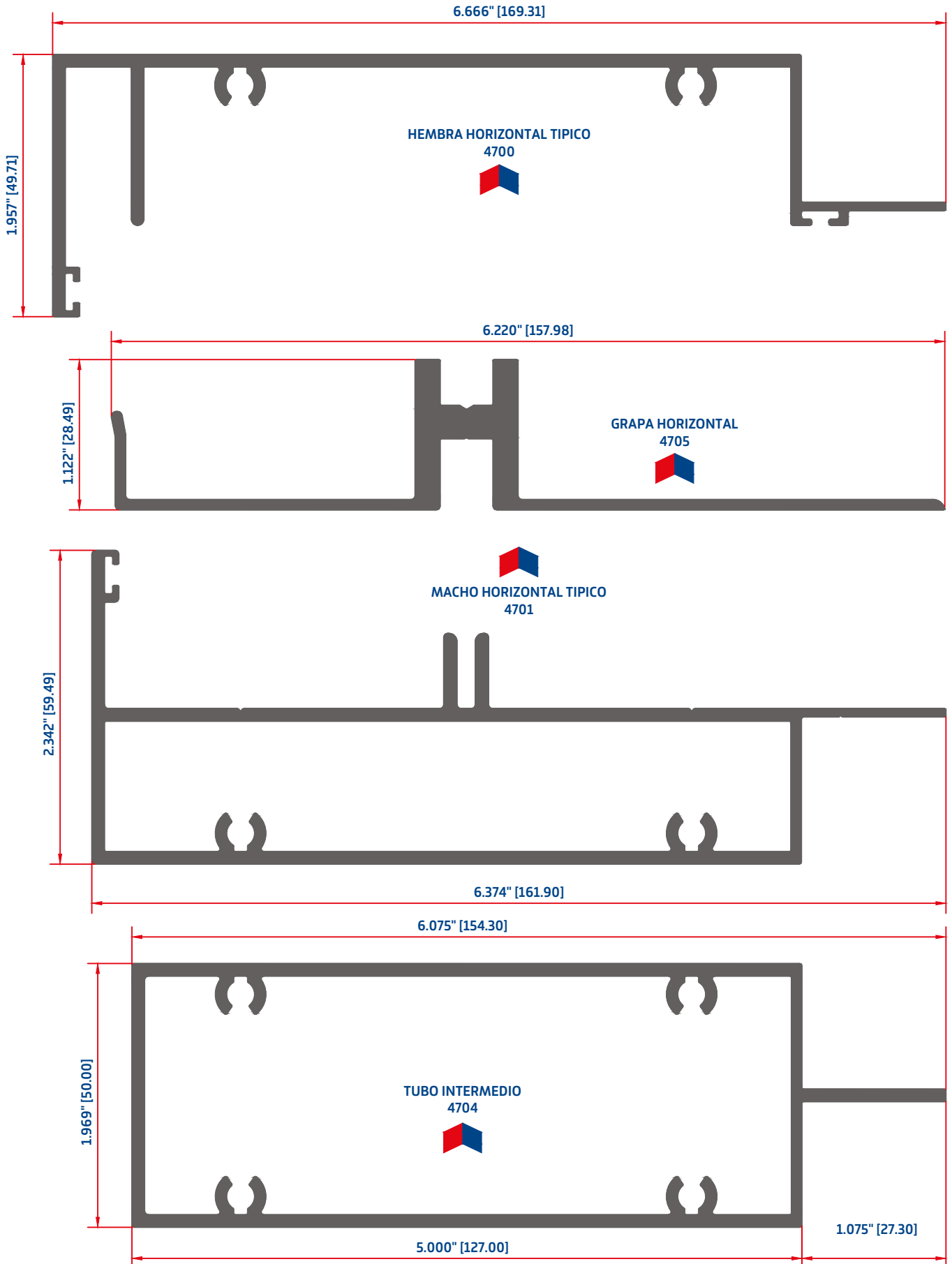




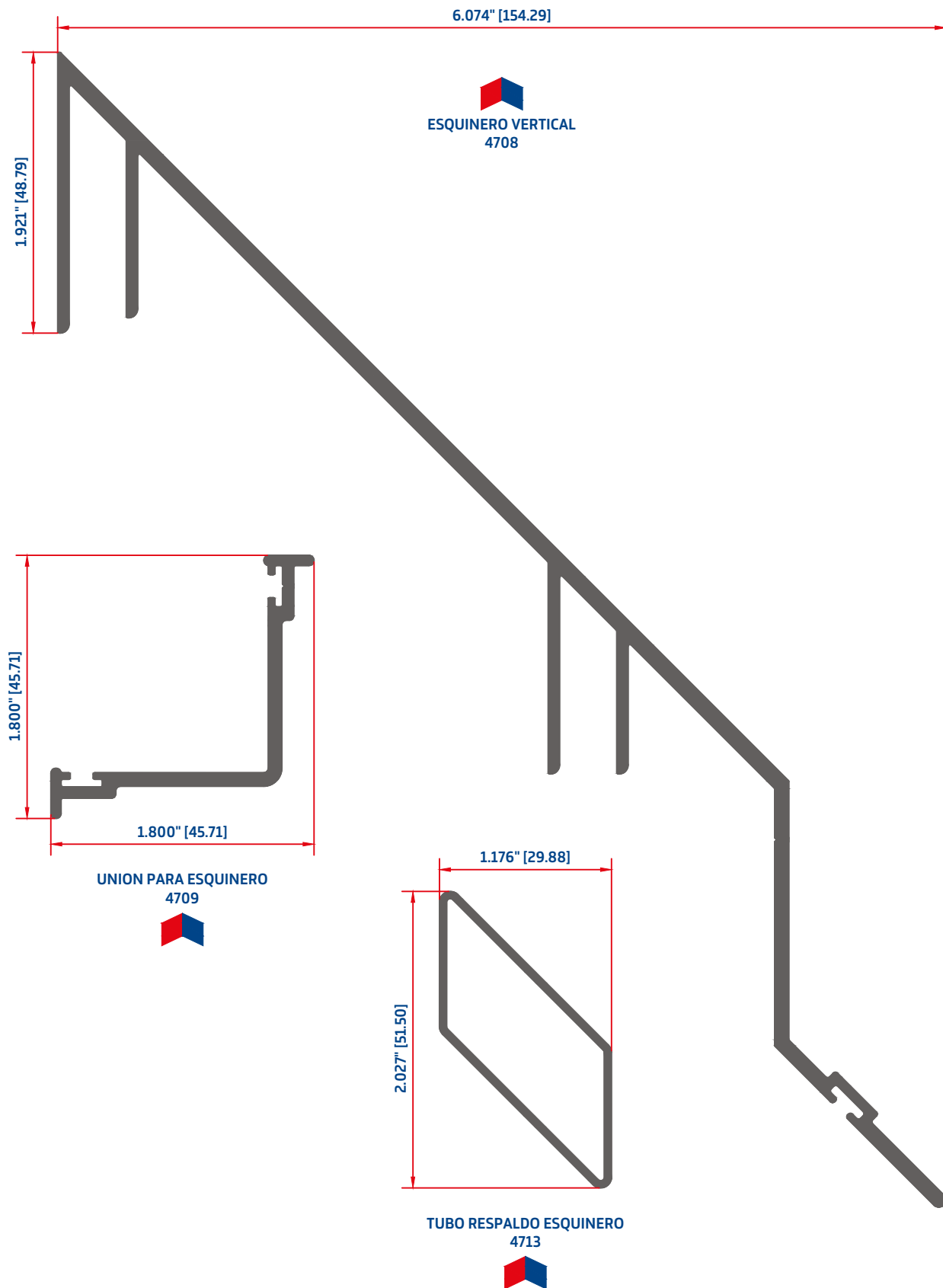
# Fachada unitizada 4700



# Fachada unitizada 4700

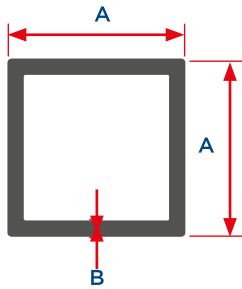


# Fachada unitizada 4700

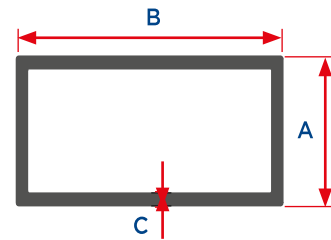


# Dimensiones y características

TUBOS CUADRADOS



TUBOS RECTANGULARES



| CLAVE | PULGADAS |       | MILÍMETROS |       | PESO<br>kg/m | PERÍMETRO<br>cm |
|-------|----------|-------|------------|-------|--------------|-----------------|
|       | A        | B     | A          | B     |              |                 |
| 7390  | 0.500    | 0.050 | 12.700     | 1.270 | 0.158        | 5.010           |
| 7395  | 0.631    | 0.074 | 16.027     | 1.880 | 0.286        | 6.140           |
| 7400  | 0.750    | 0.050 | 19.050     | 1.270 | 0.245        | 7.620           |
| 7401  | 0.750    | 0.063 | 19.050     | 1.600 | 0.303        | 7.594           |
| 7499  | 1.000    | 0.050 | 25.400     | 1.270 | 0.335        | 10.130          |
| 7500  | 1.000    | 0.045 | 25.400     | 1.143 | 0.303        | 10.100          |
| 7502  | 1.000    | 0.063 | 25.400     | 1.600 | 0.413        | 10.130          |
| 7505  | 1.250    | 0.063 | 31.750     | 1.600 | 0.524        | 12.630          |
| 7506  | 1.250    | 0.125 | 31.750     | 3.175 | 0.990        | 12.560          |
| 7507  | 1.250    | 0.048 | 31.750     | 1.219 | 0.412        | 12.630          |
| 7511  | 1.500    | 0.050 | 38.100     | 1.270 | 0.507        | 15.170          |
| 7512  | 1.500    | 0.040 | 38.100     | 1.016 | 0.399        | 14.680          |
| 7515  | 1.750    | 0.050 | 44.450     | 1.270 | 0.594        | 17.710          |
| 7516  | 1.750    | 0.045 | 44.450     | 1.143 | 0.544        | 17.710          |
| 7520  | 2.000    | 0.063 | 50.800     | 1.600 | 0.855        | 20.180          |
| 7521  | 2.000    | 0.053 | 50.800     | 1.346 | 0.735        | 20.250          |
| 7523  | 2.000    | 0.125 | 50.800     | 3.175 | 1.651        | 20.250          |
| 7525  | 2.500    | 0.082 | 63.500     | 2.083 | 1.404        | 25.360          |
| 7530  | 3.000    | 0.083 | 76.200     | 2.108 | 1.694        | 30.410          |
| 7531  | 3.000    | 0.062 | 76.200     | 1.575 | 1.283        | 30.410          |
| 7535  | 4.000    | 0.125 | 76.200     | 3.175 | 3.410        | 40.500          |
| 17400 | 0.750    | 0.043 | 19.050     | 1.092 | 0.212        | 7.533           |
| 17500 | 1.000    | 0.043 | 25.400     | 1.092 | 0.291        | 10.100          |
| 17511 | 1.500    | 0.042 | 38.100     | 1.067 | 0.433        | 15.170          |

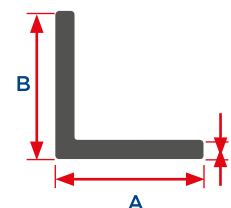
| CLAVE | PULGADAS |       |       | MILÍMETROS |         |       | PESO<br>kg/m | PERÍMETRO<br>cm |
|-------|----------|-------|-------|------------|---------|-------|--------------|-----------------|
|       | A        | B     | C     | A          | B       | C     |              |                 |
| 7990  | 0.374    | 0.750 | 0.063 | 9.500      | 19.050  | 1.600 | 0.222        | 5.640           |
| 8000  | 0.500    | 1.000 | 0.050 | 12.700     | 25.400  | 1.270 | 0.248        | 7.554           |
| 8001  | 0.750    | 1.000 | 0.040 | 19.050     | 25.400  | 1.016 | 0.226        | 8.480           |
| 8006  | 0.750    | 1.500 | 0.045 | 19.050     | 38.100  | 1.143 | 0.340        | 11.360          |
| 8015  | 1.000    | 1.500 | 0.062 | 25.400     | 38.100  | 1.575 | 0.516        | 12.560          |
| 8020  | 0.750    | 1.750 | 0.061 | 19.050     | 44.450  | 1.549 | 0.516        | 12.630          |
| 8036  | 1.000    | 2.000 | 0.050 | 25.400     | 50.800  | 1.270 | 0.507        | 15.100          |
| 8041  | 1.000    | 2.000 | 0.062 | 25.400     | 50.800  | 1.575 | 0.592        | 14.150          |
| 8045  | 1.250    | 2.500 | 0.062 | 31.750     | 63.500  | 1.575 | 0.791        | 18.910          |
| 8046  | 1.250    | 2.500 | 0.054 | 31.750     | 63.500  | 1.372 | 0.698        | 18.980          |
| 8050  | 1.250    | 2.500 | 0.079 | 31.750     | 63.500  | 2.007 | 1.007        | 18.980          |
| 8051  | 1.250    | 2.500 | 0.060 | 31.750     | 63.500  | 1.524 | 0.727        | 17.960          |
| 8052  | 1.250    | 2.500 | 0.063 | 31.750     | 63.500  | 1.600 | 0.757        | 17.960          |
| 8055  | 1.000    | 3.000 | 0.078 | 25.400     | 76.200  | 1.981 | 1.060        | 20.250          |
| 8061  | 2.000    | 4.000 | 0.125 | 50.800     | 101.600 | 3.175 | 2.531        | 30.400          |
| 8062  | 3.250    | 4.000 | 0.125 | 82.550     | 101.600 | 3.175 | 3.082        | 36.760          |
| 8063  | 2.000    | 3.000 | 0.125 | 50.800     | 76.200  | 3.175 | 2.091        | 25.330          |
| 8065  | 1.500    | 3.000 | 0.078 | 38.100     | 76.200  | 1.981 | 1.195        | 22.730          |
| 8066  | 1.500    | 3.000 | 0.059 | 38.100     | 76.200  | 1.499 | 0.920        | 22.790          |
| 8071  | 1.750    | 3.000 | 0.058 | 44.450     | 76.200  | 1.473 | 0.941        | 24.060          |
| 8075  | 1.000    | 4.000 | 0.079 | 25.400     | 101.600 | 2.007 | 1.353        | 17.560          |
| 8077  | 1.500    | 4.000 | 0.078 | 38.100     | 101.600 | 1.981 | 1.468        | 27.870          |
| 8080  | 1.750    | 4.000 | 0.078 | 44.450     | 101.600 | 1.981 | 1.526        | 29.140          |
| 8085  | 3.687    | 5.812 | 0.125 | 93.650     | 147.625 | 3.175 | 4.068        | 47.990          |
| 18006 | 0.750    | 1.500 | 0.040 | 19.050     | 38.100  | 1.016 | 0.307        | 11.360          |
| 18036 | 1.000    | 2.000 | 0.045 | 25.400     | 50.800  | 1.143 | 0.461        | 15.100          |
| 18055 | 1.000    | 3.000 | 0.062 | 25.400     | 76.200  | 1.575 | 0.848        | 20.250          |
| 18071 | 1.750    | 3.000 | 0.050 | 44.450     | 76.200  | 1.270 | 0.820        | 24.060          |
| 18080 | 1.750    | 4.000 | 0.070 | 44.450     | 101.600 | 1.778 | 1.373        | 29.140          |

# Dimensiones y características

SOLERAS



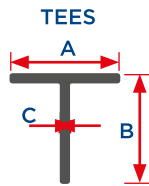
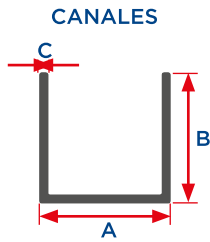
ÁNGULOS



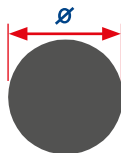
| CLAVE | PULGADAS |       | MILÍMETROS |        | PESO<br>kg/m | PERÍMETRO<br>cm |
|-------|----------|-------|------------|--------|--------------|-----------------|
|       | A        | B     | A          | B      |              |                 |
| 8508  | 1.000    | 0.250 | 25.400     | 6.350  | 0.440        | 6.324           |
| 8509  | 0.750    | 0.125 | 19.050     | 3.175  | 0.165        | 4.419           |
| 8519  | 0.500    | 0.063 | 12.700     | 1.600  | 0.055        | 2.800           |
| 8520  | 0.500    | 0.125 | 12.700     | 3.175  | 0.110        | 3.149           |
| 8522  | 0.500    | 0.250 | 12.700     | 6.350  | 0.219        | 3.740           |
| 8523  | 0.750    | 0.188 | 19.050     | 4.775  | 0.248        | 4.700           |
| 8524  | 0.750    | 0.063 | 19.050     | 1.600  | 0.083        | 4.080           |
| 8525  | 1.000    | 0.063 | 25.400     | 1.600  | 0.109        | 5.330           |
| 8527  | 1.000    | 0.125 | 25.400     | 3.175  | 0.220        | 5.689           |
| 8528  | 4.000    | 0.375 | 101.600    | 9.525  | 2.642        | 22.160          |
| 8529  | 1.000    | 0.188 | 25.400     | 4.775  | 0.330        | 5.970           |
| 8530  | 1.500    | 0.250 | 38.100     | 6.350  | 0.656        | 8.820           |
| 8531  | 1.500    | 0.500 | 38.100     | 12.700 | 1.313        | 9.880           |
| 8533  | 1.500    | 0.125 | 38.100     | 3.175  | 0.330        | 8.229           |
| 8535  | 2.000    | 0.125 | 50.800     | 3.175  | 0.440        | 10.770          |
| 8536  | 2.000    | 0.075 | 50.800     | 1.905  | 0.264        | 10.480          |
| 8537  | 2.000    | 0.187 | 50.800     | 4.750  | 0.655        | 11.040          |
| 8538  | 2.637    | 0.073 | 66.980     | 1.854  | 0.337        | 13.610          |
| 8541  | 3.937    | 0.394 | 100.000    | 10.008 | 2.730        | 21.930          |
| 8542  | 5.906    | 0.394 | 150.012    | 10.008 | 4.096        | 31.930          |
| 8543  | 3.000    | 0.250 | 76.200     | 6.350  | 1.321        | 16.440          |
| 8544  | 5.906    | 0.591 | 150.012    | 15.011 | 6.144        | 32.940          |
| 8545  | 3.875    | 0.125 | 98.425     | 3.175  | 0.847        | 20.250          |
| 8546  | 3.875    | 0.079 | 98.425     | 2.007  | 0.542        | 20.020          |
| 8547  | 4.000    | 0.260 | 101.600    | 6.604  | 1.830        | 21.570          |
| 8549  | 1.250    | 0.188 | 31.750     | 4.775  | 0.412        | 7.310           |
| 8551  | 5.906    | 0.787 | 150.012    | 19.990 | 8.189        | 33.930          |
| 8553  | 7.874    | 0.787 | 200.000    | 19.990 | 10.918       | 43.930          |
| 8554  | 7.874    | 0.984 | 200.000    | 24.994 | 13.648       | 44.930          |
| 8556  | 7.874    | 0.394 | 200.000    | 10.008 | 5.460        | 41.930          |
| 8563  | 5.000    | 0.500 | 127.000    | 12.700 | 4.403        | 27.870          |
| 8564  | 1.500    | 0.188 | 38.100     | 4.775  | 0.495        | 8.490           |
| 8565  | 2.000    | 1.000 | 50.800     | 25.400 | 3.520        | 15.070          |
| 8570  | 1.500    | 0.368 | 38.100     | 9.347  | 0.970        | 9.420           |
| 8578  | 4.000    | 0.125 | 101.600    | 3.175  | 0.880        | 20.880          |
| 8579  | 1.000    | 0.250 | 25.400     | 6.350  | 0.440        | 6.280           |

| CLAVE | PULGADAS |       |       | MILÍMETROS |         |       | PESO<br>kg/m | PERÍMETRO<br>cm |
|-------|----------|-------|-------|------------|---------|-------|--------------|-----------------|
|       | A        | B     | C     | A          | B       | C     |              |                 |
| 8608  | 0.750    | 0.750 | 0.050 | 19.050     | 19.050  | 1.270 | 0.128        | 7.580           |
| 8609  | 0.500    | 0.500 | 0.050 | 12.700     | 12.700  | 1.270 | 0.084        | 5.040           |
| 8615  | 0.500    | 0.500 | 0.062 | 12.700     | 12.700  | 1.575 | 0.103        | 5.041           |
| 8616  | 0.250    | 0.500 | 0.053 | 6.350      | 12.700  | 1.346 | 0.065        | 3.760           |
| 8619  | 0.750    | 0.750 | 0.040 | 19.050     | 19.050  | 1.016 | 0.103        | 7.520           |
| 8620  | 0.750    | 0.750 | 0.063 | 19.050     | 19.050  | 1.600 | 0.158        | 7.581           |
| 8621  | 0.750    | 0.500 | 0.063 | 19.050     | 12.700  | 1.600 | 0.131        | 6.311           |
| 8625  | 0.750    | 0.750 | 0.125 | 19.050     | 19.050  | 3.175 | 0.303        | 7.581           |
| 8629  | 1.000    | 1.000 | 0.040 | 25.400     | 25.400  | 1.016 | 0.137        | 10.060          |
| 8630  | 1.000    | 1.000 | 0.045 | 25.400     | 25.400  | 1.143 | 0.155        | 10.090          |
| 8632  | 1.000    | 1.000 | 0.062 | 25.400     | 25.400  | 1.575 | 0.210        | 10.120          |
| 8634  | 1.000    | 1.000 | 0.050 | 25.400     | 25.400  | 1.270 | 0.172        | 10.120          |
| 8635  | 1.500    | 0.750 | 0.125 | 38.100     | 19.050  | 3.175 | 0.468        | 11.390          |
| 8640  | 1.000    | 1.000 | 0.125 | 25.400     | 25.400  | 3.175 | 0.413        | 10.120          |
| 8642  | 1.250    | 1.250 | 0.063 | 31.750     | 31.750  | 1.600 | 0.268        | 12.600          |
| 8643  | 1.000    | 1.000 | 0.188 | 25.400     | 25.400  | 4.775 | 0.598        | 10.060          |
| 8644  | 1.250    | 1.250 | 0.125 | 31.750     | 31.750  | 3.175 | 0.523        | 12.660          |
| 8645  | 1.500    | 1.500 | 0.188 | 38.100     | 38.100  | 4.775 | 0.926        | 15.120          |
| 8646  | 1.500    | 1.500 | 0.125 | 38.100     | 38.100  | 3.175 | 0.633        | 15.200          |
| 8647  | 1.500    | 1.500 | 0.250 | 38.100     | 38.100  | 6.350 | 1.226        | 15.180          |
| 8648  | 1.500    | 1.500 | 0.062 | 38.100     | 38.100  | 1.575 | 0.323        | 15.200          |
| 8649  | 2.000    | 2.000 | 0.062 | 50.800     | 50.800  | 1.575 | 0.433        | 20.280          |
| 8650  | 2.000    | 2.000 | 0.188 | 50.800     | 50.800  | 4.775 | 1.259        | 20.220          |
| 8651  | 2.000    | 2.000 | 0.125 | 50.800     | 50.800  | 3.175 | 0.853        | 20.280          |
| 8652  | 2.000    | 2.000 | 0.250 | 50.800     | 50.800  | 6.350 | 1.648        | 20.100          |
| 8653  | 2.500    | 2.500 | 0.125 | 63.500     | 63.500  | 3.175 | 1.073        | 25.330          |
| 8660  | 3.000    | 3.000 | 0.250 | 76.200     | 76.200  | 6.350 | 2.532        | 30.380          |
| 8662  | 3.000    | 3.000 | 0.188 | 76.200     | 76.200  | 4.760 | 1.915        | 30.380          |
| 8665  | 4.000    | 4.000 | 0.250 | 101.600    | 101.600 | 6.350 | 3.412        | 40.540          |
| 8670  | 1.500    | 1.000 | 0.058 | 38.100     | 25.400  | 1.473 | 0.249        | 12.600          |
| 8674  | 3.000    | 2.000 | 0.250 | 76.200     | 50.800  | 6.350 | 2.081        | 24.470          |
| 8680  | 1.500    | 1.000 | 0.125 | 38.100     | 25.400  | 3.175 | 0.520        | 12.600          |
| 8690  | 6.000    | 3.500 | 0.312 | 152.400    | 88.900  | 7.925 | 5.104        | 47.100          |

# Dimensiones y características



**BARRAS REDONDAS SOLIDAS**



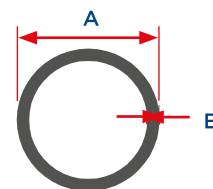
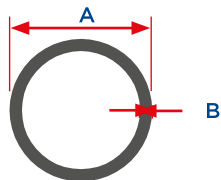
| CLAVE | PULGADAS |       |       | MILÍMETROS |        |       | PESO<br>kg/m | PERÍMETRO<br>cm |
|-------|----------|-------|-------|------------|--------|-------|--------------|-----------------|
|       | A        | B     | C     | A          | B      | C     |              |                 |
| 8700  | 0.375    | 0.375 | 0.040 | 9.525      | 9.525  | 1.016 | 0.073        | 5.420           |
| 8706  | 0.750    | 0.750 | 0.063 | 19.050     | 19.050 | 1.600 | 0.233        | 10.981          |
| 8707  | 0.375    | 0.250 | 0.063 | 9.525      | 6.350  | 1.600 | 0.082        | 4.080           |
| 8708  | 0.500    | 0.500 | 0.062 | 12.700     | 12.700 | 1.575 | 0.151        | 7.250           |
| 8709  | 0.625    | 0.500 | 0.063 | 15.875     | 12.700 | 1.600 | 0.165        | 7.886           |
| 8710  | 0.500    | 0.500 | 0.035 | 12.700     | 12.700 | 0.889 | 0.088        | 7.360           |
| 8712  | 1.590    | 0.870 | 0.079 | 40.386     | 22.098 | 2.007 | 0.425        | 15.920          |
| 8713  | 1.102    | 0.669 | 0.078 | 27.991     | 16.993 | 1.981 | 0.300        | 11.430          |
| 8714  | 1.700    | 1.000 | 0.063 | 43.180     | 25.400 | 1.600 | 0.396        | 18.270          |
| 8715  | 1.579    | 0.870 | 0.060 | 40.107     | 22.098 | 1.524 | 0.325        | 15.940          |
| 8716  | 1.000    | 1.000 | 0.062 | 25.400     | 25.400 | 1.575 | 0.314        | 14.790          |
| 8717  | 1.102    | 0.669 | 0.079 | 27.991     | 16.993 | 2.007 | 0.303        | 11.430          |
| 8719  | 0.875    | 0.563 | 0.063 | 22.225     | 14.300 | 1.600 | 0.206        | 9.792           |
| 8740  | 2.000    | 1.000 | 0.062 | 50.800     | 25.400 | 1.575 | 0.420        | 19.760          |
| 8745  | 3.000    | 1.000 | 0.116 | 76.200     | 25.400 | 2.946 | 0.989        | 24.540          |

| CLAVE | PULGADAS |       |       | MILÍMETROS |        |       | PESO<br>kg/m | PERÍMETRO<br>cm |
|-------|----------|-------|-------|------------|--------|-------|--------------|-----------------|
|       | A        | B     | C     | A          | B      | C     |              |                 |
| 8750  | 0.750    | 0.750 | 0.062 | 19.050     | 19.050 | 1.575 | 0.156        | 7.490           |
| 8760  | 1.000    | 1.000 | 0.040 | 25.400     | 25.400 | 1.016 | 0.137        | 10.070          |
| 8762  | 1.000    | 1.000 | 0.045 | 25.400     | 25.400 | 1.143 | 0.153        | 10.070          |
| 8765  | 1.000    | 1.000 | 0.062 | 25.400     | 25.400 | 1.575 | 0.210        | 10.030          |
| 8770  | 1.500    | 1.500 | 0.125 | 38.100     | 38.100 | 3.175 | 0.628        | 15.110          |

| CLAVE | PULGADAS | MILÍMETROS | PESO<br>kg/m | PERÍMETRO<br>cm |
|-------|----------|------------|--------------|-----------------|
|       | Ø        | Ø          |              |                 |
| 8799  | 0.188    | 4.775      | 0.054        | 1.400           |
| 8800  | 0.250    | 6.350      | 0.086        | 1.990           |
| 8805  | 0.312    | 7.925      | 0.136        | 2.490           |
| 8810  | 0.375    | 9.525      | 0.194        | 2.992           |
| 8811  | 0.625    | 15.875     | 0.540        | 4.990           |
| 8815  | 0.900    | 22.860     | 1.120        | 7.180           |
| 8825  | 0.500    | 12.700     | 0.346        | 3.990           |
| 8830  | 0.750    | 19.050     | 0.778        | 5.985           |
| 8832  | 1.000    | 25.400     | 1.384        | 7.980           |
| 8834  | 1.031    | 26.187     | 1.471        | 8.230           |
| 8838  | 1.500    | 38.100     | 3.112        | 11.970          |
| 8840  | 1.325    | 33.655     | 2.429        | 10.570          |
| 8842  | 1.350    | 34.290     | 2.521        | 10.770          |
| 8844  | 1.250    | 31.750     | 2.145        | 9.970           |
| 8848  | 2.500    | 63.500     | 8.645        | 19.950          |
| 8849  | 2.875    | 73.025     | 11.434       | 22.940          |
| 8848  | 2.500    | 63.500     | 8.645        | 19.950          |
| 8849  | 2.875    | 73.030     | 11.434       | 22.940          |

# Dimensiones y características

## TUBOS REDONDOS



| CLAVE | PULGADAS |       | MILÍMETROS |        | PESO<br>kg/m | PERÍMETRO<br>cm |
|-------|----------|-------|------------|--------|--------------|-----------------|
|       | A        | B     | A          | B      |              |                 |
| 9395  | 0.875    | 0.049 | 22.225     | 1.245  | 0.224        | 6.980           |
| 9396  | 0.875    | 0.083 | 22.225     | 2.108  | 0.630        | 6.980           |
| 9397  | 0.375    | 0.042 | 9.525      | 1.067  | 0.077        | 3.000           |
| 9398  | 0.500    | 0.050 | 12.700     | 1.270  | 0.124        | 3.990           |
| 9399  | 0.750    | 0.049 | 19.050     | 1.245  | 0.190        | 5.980           |
| 9402  | 1.000    | 0.050 | 25.400     | 1.270  | 0.261        | 7.980           |
| 9403  | 1.250    | 0.060 | 31.750     | 1.524  | 0.395        | 9.975           |
| 9404  | 1.000    | 0.065 | 25.400     | 1.651  | 0.334        | 7.980           |
| 9405  | 0.625    | 0.049 | 15.875     | 1.245  | 0.160        | 4.990           |
| 9406  | 1.000    | 0.080 | 25.400     | 2.032  | 0.407        | 7.979           |
| 9407  | 1.250    | 0.120 | 31.750     | 3.048  | 0.750        | 9.970           |
| 9409  | 1.000    | 0.125 | 25.400     | 3.175  | 0.605        | 7.980           |
| 9410  | 1.400    | 0.061 | 35.560     | 1.549  | 0.454        | 11.170          |
| 9414  | 0.875    | 0.058 | 22.225     | 1.473  | 0.262        | 6.980           |
| 9415  | 1.500    | 0.050 | 38.100     | 1.270  | 0.401        | 11.970          |
| 9419  | 1.590    | 0.100 | 40.386     | 2.540  | 0.825        | 12.690          |
| 9420  | 1.023    | 0.045 | 25.984     | 1.143  | 0.244        | 8.160           |
| 9421  | 1.979    | 0.202 | 50.267     | 5.131  | 1.986        | 15.790          |
| 9423  | 0.750    | 0.065 | 19.050     | 1.651  | 0.246        | 5.980           |
| 9424  | 1.574    | 0.098 | 39.980     | 2.489  | 0.804        | 12.570          |
| 9425  | 2.150    | 0.328 | 54.610     | 8.331  | 3.303        | 17.160          |
| 9429  | 1.050    | 0.070 | 26.670     | 1.778  | 0.380        | 8.379           |
| 9435  | 0.500    | 0.063 | 12.700     | 1.600  | 0.151        | 3.990           |
| 9444  | 2.000    | 0.625 | 50.800     | 15.875 | 0.670        | 15.950          |
| 9490  | 2.000    | 0.187 | 50.800     | 4.750  | 1.880        | 15.960          |
| 9501  | 2.000    | 0.073 | 50.800     | 1.854  | 0.780        | 15.960          |
| 9502  | 2.000    | 0.050 | 50.800     | 1.270  | 0.536        | 15.960          |
| 9503  | 3.000    | 0.050 | 76.200     | 1.270  | 0.811        | 23.940          |
| 9504  | 4.000    | 0.050 | 101.600    | 1.270  | 1.085        | 31.920          |
| 9505  | 5.000    | 0.052 | 127.000    | 1.321  | 1.419        | 39.898          |
| 9507  | 4.500    | 0.080 | 114.300    | 2.032  | 1.950        | 35.910          |
| 9509  | 2.000    | 0.125 | 50.800     | 3.175  | 1.297        | 15.960          |
| 9519  | 2.500    | 0.125 | 63.500     | 3.175  | 1.643        | 19.940          |
| 9525  | 2.375    | 0.143 | 60.325     | 3.632  | 1.761        | 18.950          |
| 9539  | 2.000    | 0.220 | 50.800     | 5.588  | 2.175        | 15.960          |
| 9540  | 1.496    | 0.157 | 37.998     | 3.988  | 1.166        | 11.940          |

## TUBOS CÉDULA 20

| CLAVE | PULGADAS |       | MILÍMETROS |         | PESO<br>kg/m | PERÍMETRO<br>cm |
|-------|----------|-------|------------|---------|--------------|-----------------|
|       | A        | B     | A          | B       |              |                 |
| 9510  | 1/2      | 0.840 | 0.075      | 20.580  | 1.838        | 6.704           |
| 9511  | 3/4      | 1.049 | 0.075      | 25.701  | 1.838        | 8.369           |
| 9512  | 1        | 1.315 | 0.075      | 32.218  | 1.838        | 10.500          |
| 9513  | 1 1/4    | 1.660 | 0.090      | 40.670  | 2.205        | 13.240          |
| 9514  | 1 1/2    | 1.900 | 0.090      | 46.550  | 2.205        | 15.160          |
| 9515  | 2        | 2.375 | 0.104      | 58.188  | 2.548        | 18.950          |
| 9516  | 2 1/2    | 2.875 | 0.104      | 70.438  | 2.548        | 22.940          |
| 9517  | 3        | 3.500 | 0.119      | 85.750  | 2.916        | 27.930          |
| 9518  | 4        | 4.500 | 0.135      | 110.250 | 3.308        | 35.910          |

## TUBOS CÉDULA 40

| CLAVE | PULGADAS |       | MILÍMETROS |         | PESO<br>kg/m | PERÍMETRO<br>cm |        |
|-------|----------|-------|------------|---------|--------------|-----------------|--------|
|       | A        | B     | A          | B       |              |                 |        |
| 9520  | 1/2      | 0.840 | 0.104      | 21.336  | 2.642        | 6.703           |        |
| 9521  | 3/4      | 1.050 | 0.107      | 26.670  | 2.718        | 8.379           |        |
| 9522  | 1        | 1.315 | 0.124      | 33.401  | 3.150        | 10.500          |        |
| 9523  | 1 1/4    | 1.660 | 0.126      | 42.164  | 3.200        | 13.250          |        |
| 9524  | 1 1/2    | 1.900 | 0.136      | 48.260  | 3.454        | 15.160          |        |
| 9525  | 2        | 2.375 | 0.143      | 60.325  | 3.632        | 18.950          |        |
| 9526  | 2 1/2    | 2.875 | 0.188      | 73.025  | 4.775        | 22.940          |        |
| 9527  | 3        | 3.500 | 0.196      | 88.900  | 4.978        | 3.586           | 27.930 |
| 9543  | 3 1/2    | 4.000 | 0.207      | 101.600 | 5.258        | 4.354           | 31.920 |
| 9528  | 4        | 4.500 | 0.215      | 114.300 | 5.461        | 5.101           | 35.910 |
| 9544  | 5        | 5.563 | 0.230      | 141.300 | 5.842        | 6.796           | 44.390 |
| 9545  | 6        | 6.625 | 0.257      | 168.275 | 6.528        | 9.041           | 52.870 |

## TUBOS COPLES

| CLAVE | PULGADAS |       | MILÍMETROS |         | PESO<br>kg/m | PERÍMETRO<br>cm |        |
|-------|----------|-------|------------|---------|--------------|-----------------|--------|
|       | A        | B     | A          | B       |              |                 |        |
| 9530  | 1/2      | 1.078 | 0.177      | 26.411  | 4.337        | 0.890           | 8.600  |
| 9531  | 3/4      | 1.328 | 0.196      | 32.536  | 4.802        | 1.224           | 10.600 |
| 9532  | 1        | 1.562 | 0.196      | 38.269  | 4.802        | 1.481           | 12.460 |
| 9533  | 1 1/4    | 1.953 | 0.216      | 47.849  | 5.292        | 2.057           | 15.584 |
| 9534  | 1 1/2    | 2.218 | 0.229      | 54.341  | 5.611        | 2.521           | 17.700 |
| 9535  | 2        | 2.750 | 0.258      | 67.375  | 6.321        | 3.561           | 21.940 |
| 9536  | 2 1/2    | 3.281 | 0.303      | 80.385  | 7.424        | 4.993           | 26.180 |
| 9537  | 3        | 3.935 | 0.318      | 96.408  | 7.791        | 6.364           | 31.400 |
| 9538  | 4        | 5.000 | 0.350      | 122.500 | 8.575        | 9.005           | 39.900 |

# Índice de claves

| CLAVE | PAG. | PER. ANOD. | LARGO | PZS/ ATADO |
|-------|------|------------|-------|------------|
| 1030  | 27   | 17.39      | 6.10  | 2          |
| 1504  | 5    | 9.73       | 6.10  | 30         |
| 1540  | 7    | 19.10      | 6.10  | 20         |
| 1548  | 5    | 14.75      | 6.10  | 10         |
| 1549  | 5    | 14.62      | 6.10  | 10         |
| 1550  | 6    | 26.20      | 6.10  | 12         |
| 1553  | 5    | 18.40      | 6.10  | 10         |
| 1557  | 5    | 29.51      | 6.10  | 8          |
| 1558  | 5    | 18.86      | 6.10  | 10         |
| 1559  | 5    | 14.00      | 6.10  | 20         |
| 1560  | 6    | 22.26      | 6.10  | 10         |
| 1564  | 5    | 19.10      | 6.10  | 20         |
| 1570  | 6    | 11.20      | 6.10  | 15         |
| 1577  | 5    | 27.94      | 6.10  | 8          |
| 1579  | 5    | 13.74      | 6.10  | 20         |
| 1580  | 6    | 22.00      | 6.10  | 12         |
| 1583  | 5    | 19.34      | 6.10  | 5          |
| 1584  | 5    | 17.95      | 6.10  | 20         |
| 1585  | 5    | 10.22      | 6.10  | 20         |
| 1586  | 5    | 24.80      | 6.10  | 4          |
| 1602  | 6    | 8.36       | 6.10  | 20         |
| 2011  | 6    | 44.19      | 6.10  | 6          |
| 2017  | 7    | 13.55      | 6.10  | 12         |
| 2019  | 7    | 18.02      | 6.10  | 15         |
| 2021  | 7    | 13.20      | 6.10  | 20         |
| 2022  | 7    | 10.05      | 6.10  | 18         |
| 2023  | 7    | 6.95       | 6.10  | 30         |
| 2031  | 6    | 45.35      | 6.10  | 6          |
| 2033  | 6    | 34.17      | 6.10  | 6          |
| 2034  | 6    | 34.14      | 6.10  | 6          |
| 2041  | 6    | 26.65      | 6.10  | 10         |
| 2043  | 6    | 26.26      | 6.10  | 30         |
| 2045  | 6    | 25.50      | 6.10  | 6          |
| 2047  | 7/10 | 9.50       | 6.10  | 30         |
| 2050  | 6    | 36.39      | 6.10  | 6          |
| 2057  | 5/7  | 8.17       | 6.10  | 60         |
| 2058  | 5    | 6.34       | 6.10  | 50         |
| 2060  | 7    | 7.90       | 6.10  | 20         |
| 2067  | 7    | 10.00      | 6.10  | 30         |
| 2069  | 6    | 21.74      | 6.10  | 10         |
| 2075  | 7    | 10.38      | 6.10  | 20         |
| 2080  | 7    | 19.00      | 6.10  | 5          |
| 2085  | 7    | 12.08      | 6.10  | 15         |
| 2086  | 7    | 13.08      | 6.10  | 15         |
| 2087  | 7    | 7.80       | 6.10  | 30         |
| 2094  | 7    | 16.63      | 6.10  | 12         |
| 2097  | 7    | 18.52      | 4.60  | 10         |
| 2098  | 7    | 14.10      | 4.60  | 10         |
| 2105  | 7    | 28.22      | 6.10  | 6          |
| 2120  | 7    | 22.90      | 4.60  | 5          |
| 2131  | 8/12 | 17.08      | 4.60  | 10         |
| 2133  | 8/12 | 18.37      | 6.10  | 10         |
| 2135  | 8/12 | 15.10      | 6.10  | 5          |
| 2141  | 8/12 | 21.50      | 6.10  | 10         |
| 2150  | 9    | 15.70      | 6.10  | 20         |
| 2153  | 9    | 25.06      | 6.10  | 5          |
| 2155  | 9    | 32.00      | 6.10  | 6          |
| 2175  | 8    | 14.30      | 6.10  | 5          |

| CLAVE | PAG.  | PER. ANOD. | LARGO | PZS/ ATADO |
|-------|-------|------------|-------|------------|
| 2194  | 24    | 26.00      | 6.10  | 10         |
| 2195  | 24    | 26.70      | 6.10  | 10         |
| 2325  | 9     | 39.90      | 6.10  | 4          |
| 2330  | 9     | 26.83      | 6.10  | 8          |
| 2341  | 9     | 11.30      | 6.10  | 20         |
| 2345  | 9     | 14.52      | 6.10  | 10         |
| 2356  | 8     | 33.57      | 6.10  | 8          |
| 2360  | 8     | 11.50      | 6.10  | 30         |
| 2366  | 8     | 28.90      | 6.10  | 8          |
| 2371  | 9     | 20.30      | 6.10  | 15         |
| 3005  | 11    | 50.50      | 6.10  | 4          |
| 3008  | 10    | 50.54      | 6.10  | 6          |
| 3009  | 10    | 38.98      | 6.10  | 6          |
| 3010  | 10    | 39.06      | 6.10  | 6          |
| 3015  | 11    | 24.90      | 6.10  | 10         |
| 3017  | 11    | 14.66      | 6.10  | 10         |
| 3019  | 11    | 20.68      | 6.10  | 5          |
| 3025  | 11    | 27.50      | 6.10  | 9          |
| 3035  | 11    | 33.90      | 6.10  | 6          |
| 3036  | 12    | 34.60      | 6.10  | 6          |
| 3040  | 11    | 34.50      | 6.10  | 6          |
| 3061  | 11    | 34.50      | 6.10  | 6          |
| 3065  | 11    | 11.00      | 6.10  | 20         |
| 3076  | 10    | 42.00      | 6.10  | 6          |
| 3077  | 14    | 22.70      | 6.10  | 10         |
| 3080  | 10    | 18.10      | 6.10  | 20         |
| 3081  | 12    | 16.40      | 6.10  | 20         |
| 3083  | 10    | 30.00      | 6.10  | 10         |
| 3086  | 11    | 19.00      | 6.10  | 9          |
| 3090  | 10    | 24.50      | 6.10  | 6          |
| 3091  | 12    | 24.50      | 6.10  | 6          |
| 3095  | 12    | 23.60      | 4.60  | 6          |
| 3096  | 12    | 23.60      | 4.60  | 6          |
| 3097  | 12    | 23.60      | 4.60  | 6          |
| 3100  | 11    | 35.70      | 6.10  | 4          |
| 3101  | 12    | 35.70      | 6.10  | 4          |
| 3150  | 11    | 27.80      | 4.60  | 6          |
| 3151  | 12    | 27.80      | 4.60  | 6          |
| 3155  | 11    | 28.30      | 4.60  | 5          |
| 3306  | 15    | 14.80      | 6.10  | 18         |
| 3311  | 15    | 35.20      | 6.10  | 6          |
| 3312  | 15    | 41.59      | 6.10  | 6          |
| 3313  | 15    | 47.65      | 6.10  | 6          |
| 3314  | 15    | 22.26      | 6.10  | 6          |
| 3410  | 14    | 16.98      | 6.10  | 10         |
| 3451  | 13    | 46.67      | 6.10  | 6          |
| 3453  | 14    | 40.86      | 6.10  | 6          |
| 3455  | 13/31 | 13.20      | 6.10  | 20         |
| 3461  | 13    | 39.40      | 6.10  | 6          |
| 3463  | 14    | 34.13      | 6.10  | 8          |
| 3465  | 14    | 54.00      | 6.10  | 4          |
| 3481  | 14    | 24.80      | 6.10  | 6          |
| 3482  | 14    | 24.16      | 6.10  | 10         |
| 3483  | 14    | 19.38      | 6.10  | 10         |
| 3485  | 14    | 16.50      | 6.10  | 20         |
| 3500  | 14    | 36.46      | 6.10  | 3          |
| 3506  | 14    | 35.92      | 6.10  | 6          |
| 3760  | 31    | 49.30      | 6.10  | 4          |

| CLAVE | PAG. | PER. ANOD. | LARGO | PZS/ ATADO |
|-------|------|------------|-------|------------|
| 3762  | 31   | 47.86      | 6.10  | 4          |
| 3765  | 31   | 47.00      | 6.10  | 4          |
| 3775  | 31   | 29.00      | 6.10  | 6          |
| 3780  | 31   | 7.07       | 6.10  | 50         |
| 4010  | 15   | 18.40      | 6.10  | 12         |
| 4020  | 16   | 74.00      | 6.10  | 4          |
| 4030  | 18   | 51.97      | 6.10  | 4          |
| 4031  | 17   | 59.57      | 6.10  | 4          |
| 4032  | 17   | 33.22      | 6.10  | 6          |
| 4033  | 18   | 22.01      | 6.10  | 20         |
| 4034  | 18   | 59.55      | 6.10  | 4          |
| 4035  | 18   | 51.98      | 6.10  | 4          |
| 4036  | 18   | 20.51      | 6.10  | 12         |
| 4037  | 18   | 33.21      | 6.10  | 6          |
| 4038  | 18   | 49.26      | 6.10  | 4          |
| 4039  | 17   | 22.92      | 6.10  | 20         |
| 4040  | 18   | 46.11      | 6.10  | 4          |
| 4060  | 16   | 42.00      | 6.10  | 3          |
| 4063  | 17   | 45.89      | 6.10  | 2          |
| 4080  | 15   | 54.80      | 6.10  | 4          |
| 4085  | 15   | 47.40      | 6.10  | 4          |
| 4096  | 17   | 55.46      | 6.10  | 4          |
| 4097  | 17   | 47.91      | 6.10  | 4          |
| 4098  | 17   | 16.26      | 6.10  | 12         |
| 4099  | 17   | 30.06      | 6.10  | 4          |
| 4200  | 16   | 45.40      | 6.10  | 4          |
| 4300  | 16   | 29.90      | 6.10  | 6          |
| 4305  | 16   | 19.00      | 6.10  | 10         |
| 4401  | 34   | 23.69      | 6.10  | 6          |
| 4406  | 40   | 17.97      | 6.10  | 6          |
| 4511  | 32   | 33.10      | 6.10  | 2          |
| 4521  | 34   | 36.00      | 6.10  | 4          |
| 4522  | 35   | 27.40      | 6.10  | 2          |
| 4523  | 35   | 31.41      | 6.10  | 2          |
| 4541  | 38   | 80.96      | 6.10  | 2          |
| 4542  | 33   | 42.94      | 6.10  | 2          |
| 4543  | 36   | 17.08      | 6.10  | 10         |
| 4544  | 36   | 16.58      | 6.10  | 10         |
| 4549  | 37   | 59.15      | 6.10  | 2          |
| 4550  | 37   | 42.64      | 6.10  | 2          |
| 4551  | 39   | 84.92      | 6.10  | 2          |
| 4559  | 36   | 55.42      | 6.10  | 2          |
| 4563  | 32   | 46.73      | 6.10  | 2          |
| 4564  | 34   | 48.60      | 6.10  | 2          |
| 4567  | 37   | 9.43       | 6.10  | 18         |
| 4570  | 32   | 45.59      | 6.10  | 2          |
| 4571  | 32   | 34.97      | 6.10  | 2          |
| 4572  | 33   | 67.68      | 6.10  | 2          |
| 4573  | 34   | 74.44      | 6.10  | 2          |
| 4574  | 38   | 51.92      | 6.10  | 1          |
| 4575  | 36   | 39.31      | 6.10  | 2          |
| 4576  | 39   | 55.88      | 6.10  | 1          |
| 4700  | 42   | 63.72      | 6.10  | 2          |
| 4701  | 42   | 51.10      | 6.10  | 2          |
| 4704  | 42   | 40.73      | 6.10  | 2          |
| 4705  | 42   | 44.50      | 6.10  | 2          |
| 4706  | 41   | 53.49      | 6.10  | 2          |
| 4707  | 41   | 61.96      | 6.10  | 2          |



# Índice de claves

| CLAVE | PAG. | PER. ANOD. | LARGO | PZS/ ATADO |
|-------|------|------------|-------|------------|
| 4708  | 43   | 80.28      | 6.10  | 2          |
| 4709  | 43   | 20.01      | 6.10  | 5          |
| 4713  | 43   | 12.90      | 6.10  | 6          |
| 4714  | 41   | 11.94      | 6.10  | 8          |
| 4764  | 40   | 35.16      | 6.10  | 1          |
| 5040  | 20   | 21.00      | 6.10  | 10         |
| 5041  | 20   | 20.83      | 6.10  | 10         |
| 5042  | 20   | 23.16      | 6.10  | 10         |
| 5044  | 20   | 19.05      | 6.10  | 10         |
| 5046  | 20   | 19.36      | 6.10  | 10         |
| 5047  | 20   | 22.29      | 6.10  | 10         |
| 5055  | 20   | 17.50      | 6.10  | 10         |
| 5056  | 20   | 20.39      | 6.10  | 10         |
| 5060  | 19   | 25.47      | 6.10  | 10         |
| 5105  | 20   | 17.19      | 6.10  | 10         |
| 5106  | 19   | 16.00      | 6.10  | 10         |
| 5108  | 20   | 6.46       | 6.10  | 20         |
| 5110  | 19   | 9.00       | 6.10  | 30         |
| 5115  | 19   | 8.50       | 6.10  | 40         |
| 5120  | 19   | 10.00      | 6.10  | 30         |
| 5123  | 6/19 | 10.00      | 6.10  | 30         |
| 5130  | 20   | 6.10       | 6.10  | 40         |
| 5132  | 20   | 7.15       | 6.10  | 40         |
| 5163  | 19   | 28.40      | 6.10  | 8          |
| 5166  | 20   | 26.00      | 6.10  | 10         |
| 5174  | 20   | 8.00       | 6.10  | 20         |
| 5178  | 19   | 22.84      | 6.10  | 4          |
| 5181  | 19   | 33.67      | 6.10  | 4          |
| 5191  | 19   | 21.50      | 4.60  | 6          |
| 5200  | 19   | 19.10      | 6.10  | 6          |
| 5216  | 19   | 21.00      | 6.10  | 6          |
| 5300  | 29   | 41.00      | 6.10  | 1          |
| 5301  | 29   | 43.32      | 6.10  | 1          |
| 5335  | 29   | 41.90      | 6.10  | 1          |
| 5369  | 30   | 19.00      | 6.10  | 6          |
| 5370  | 30   | 26.20      | 6.10  | 6          |
| 5372  | 30   | 21.75      | 6.10  | 6          |
| 5375  | 30   | 33.00      | 6.10  | 4          |
| 6511  | 23   | 14.58      | 6.10  | 10         |
| 6514  | 23   | 11.97      | 6.10  | 10         |
| 6515  | 23   | 15.10      | 6.10  | 20         |
| 6517  | 5/27 | 6.00       | 6.10  | 60         |
| 6518  | 23   | 19.00      | 6.10  | 20         |
| 6520  | 23   | 19.00      | 6.10  | 20         |
| 6523  | 27   | 12.30      | 6.10  | 20         |
| 6530  | 22   | 11.00      | 6.10  | 30         |
| 6552  | 23   | 34.00      | 6.10  | 6          |
| 6553  | 23   | 34.00      | 6.10  | 6          |
| 6555  | 22   | 14.00      | 6.10  | 20         |
| 6556  | 22   | 13.15      | 6.10  | 20         |
| 6557  | 22   | 16.00      | 5.50  | 20         |
| 6560  | 23   | 15.50      | 5.50  | 20         |
| 6562  | 23   | 15.50      | 5.50  | 20         |
| 6594  | 22   | 10.00      | 6.10  | 20         |
| 6598  | 23   | 15.50      | 6.10  | 10         |
| 6603  | 20   | 9.00       | 6.10  | 20         |
| 6700  | 23   | 37.00      | 6.10  | 6          |
| 6705  | 23   | 14.88      | 6.10  | 20         |
| 6710  | 23   | 16.94      | 6.10  | 20         |
| 7011  | 21   | 33.30      | 6.10  | 10         |
| 7046  | 21   | 25.10      | 6.10  | 10         |
| 7050  | 21   | 34.00      | 6.10  | 10         |
| 7080  | 21   | 25.00      | 6.10  | 10         |

| CLAVE | PAG.  | PER. ANOD. | LARGO | PZS/ ATADO |
|-------|-------|------------|-------|------------|
| 7081  | 22    | 29.20      | 6.10  | 10         |
| 7083  | 21    | 42.73      | 6.10  | 6          |
| 7090  | 22    | 40.50      | 6.10  | 6          |
| 7109  | 22    | 34.60      | 6.10  | 5          |
| 7110  | 22    | 45.40      | 6.10  | 5          |
| 7390  | 44    | 5.00       | 6.10  | 20         |
| 7395  | 44    | 6.14       | 6.10  | 20         |
| 7400  | 44    | 7.60       | 6.10  | 20         |
| 7401  | 41/44 | 7.55       | 6.10  | 20         |
| 7499  | 44    | 10.13      | 6.10  | 12         |
| 7500  | 44    | 10.10      | 6.10  | 12         |
| 7502  | 44    | 10.13      | 6.10  | 12         |
| 7505  | 44    | 12.63      | 6.10  | 6          |
| 7506  | 44    | 12.70      | 6.10  | 6          |
| 7507  | 44    | 12.70      | 6.10  | 9          |
| 7511  | 44    | 15.20      | 6.10  | 9          |
| 7512  | 44    | 14.70      | 6.10  | 9          |
| 7515  | 44    | 17.70      | 6.10  | 6          |
| 7516  | 44    | 17.71      | 6.10  | 6          |
| 7520  | 44    | 20.30      | 6.10  | 4          |
| 7521  | 44    | 20.30      | 6.10  | 4          |
| 7523  | 44    | 20.25      | 6.10  | 2          |
| 7525  | 44    | 25.40      | 6.10  | 2          |
| 7530  | 44    | 30.40      | 6.10  | 2          |
| 7531  | 44    | 30.41      | 6.10  | 2          |
| 7535  | 44    | 40.64      | 6.10  | 1          |
| 7990  | 44    | 5.90       | 6.10  | 25         |
| 8000  | 44    | 7.55       | 6.10  | 20         |
| 8001  | 44    | 8.48       | 6.10  | 16         |
| 8006  | 44    | 11.36      | 6.10  | 10         |
| 8015  | 44    | 12.70      | 6.10  | 8          |
| 8020  | 44    | 12.70      | 6.10  | 10         |
| 8036  | 44    | 15.10      | 6.10  | 8          |
| 8041  | 44    | 14.15      | 6.10  | 6          |
| 8045  | 44    | 19.00      | 6.10  | 6          |
| 8046  | 44    | 19.00      | 6.10  | 6          |
| 8050  | 44    | 19.00      | 6.10  | 3          |
| 8051  | 44    | 17.96      | 6.10  | 6          |
| 8052  | 44    | 17.96      | 6.10  | 6          |
| 8055  | 44    | 20.25      | 6.10  | 5          |
| 8061  | 44    | 30.40      | 6.10  | 3          |
| 8062  | 44    | 36.76      | 6.10  | 3          |
| 8063  | 44    | 25.33      | 6.10  | 3          |
| 8065  | 44    | 22.80      | 6.10  | 3          |
| 8066  | 44    | 22.80      | 6.10  | 3          |
| 8071  | 44    | 24.06      | 6.10  | 3          |
| 8075  | 44    | 25.40      | 6.10  | 4          |
| 8077  | 44    | 27.87      | 6.10  | 5          |
| 8080  | 44    | 29.20      | 6.10  | 3          |
| 8085  | 44    | 47.99      | 6.10  | 3          |
| 8508  | 45    | 6.28       | 6.10  | 20         |
| 8509  | 45    | 4.38       | 6.10  | 20         |
| 8519  | 45    | 2.79       | 6.10  | 50         |
| 8520  | 45    | 3.10       | 6.10  | 30         |
| 8522  | 45    | 3.80       | 6.10  | 20         |
| 8523  | 45    | 4.70       | 6.10  | 20         |
| 8524  | 45    | 4.13       | 6.10  | 50         |
| 8525  | 45    | 5.30       | 6.10  | 50         |
| 8527  | 45    | 5.70       | 6.10  | 20         |
| 8528  | 45    | 22.16      | 6.10  | 20         |
| 8529  | 45    | 6.00       | 6.10  | 20         |
| 8530  | 45    | 8.80       | 6.10  | 10         |
| 8531  | 45    | 10.10      | 6.10  | 5          |

| CLAVE | PAG. | PER. ANOD. | LARGO | PZS/ ATADO |
|-------|------|------------|-------|------------|
| 8533  | 45   | 8.19       | 6.10  | 20         |
| 8535  | 45   | 10.70      | 6.10  | 10         |
| 8536  | 45   | 10.48      | 6.10  | 20         |
| 8537  | 45   | 11.10      | 6.10  | 10         |
| 8538  | 45   | 13.61      | 6.10  | 10         |
| 8541  | 45   | 21.93      | 6.10  | 3          |
| 8542  | 45   | 31.93      | 6.10  | 2          |
| 8543  | 45   | 16.44      | 6.10  | 5          |
| 8544  | 45   | 32.94      | 6.10  | 1          |
| 8545  | 45   | 20.30      | 6.10  | 10         |
| 8546  | 45   | 20.30      | 6.10  | 10         |
| 8547  | 45   | 21.57      | 6.10  | 4          |
| 8549  | 45   | 7.31       | 6.10  | 5          |
| 8551  | 45   | 33.93      | 6.10  | 1          |
| 8553  | 45   | 43.93      | 6.10  | 1          |
| 8554  | 45   | 44.93      | 6.10  | 1          |
| 8556  | 45   | 41.93      | 6.10  | 1          |
| 8563  | 45   | 27.87      | 6.10  | 1          |
| 8564  | 45   | 8.49       | 6.10  | 10         |
| 8565  | 45   | 15.07      | 6.10  | 3          |
| 8570  | 45   | 9.50       | 6.10  | 5          |
| 8578  | 45   | 20.88      | 6.10  | 5          |
| 8579  | 45   | 6.28       | 6.10  | 5          |
| 8608  | 45   | 7.58       | 6.10  | 50         |
| 8609  | 45   | 5.04       | 6.10  | 50         |
| 8615  | 45   | 5.08       | 6.10  | 50         |
| 8616  | 45   | 3.81       | 6.10  | 50         |
| 8620  | 45   | 7.62       | 6.10  | 50         |
| 8621  | 45   | 6.25       | 6.10  | 20         |
| 8625  | 45   | 7.55       | 6.10  | 15         |
| 8629  | 45   | 10.16      | 6.10  | 30         |
| 8630  | 45   | 10.16      | 6.10  | 30         |
| 8632  | 45   | 10.16      | 6.10  | 30         |
| 8634  | 45   | 10.09      | 6.10  | 30         |
| 8635  | 45   | 11.33      | 6.10  | 10         |
| 8640  | 45   | 10.10      | 6.10  | 15         |
| 8642  | 45   | 12.60      | 6.10  | 15         |
| 8643  | 45   | 10.06      | 6.10  | 10         |
| 8644  | 45   | 12.62      | 6.10  | 10         |
| 8645  | 45   | 15.20      | 6.10  | 5          |
| 8646  | 45   | 15.14      | 6.10  | 5          |
| 8647  | 45   | 15.20      | 6.10  | 5          |
| 8648  | 45   | 15.20      | 6.10  | 15         |
| 8649  | 45   | 20.25      | 6.10  | 10         |
| 8650  | 45   | 20.22      | 6.10  | 5          |
| 8651  | 45   | 20.22      | 6.10  | 5          |
| 8652  | 45   | 20.10      | 6.10  | 3          |
| 8653  | 45   | 25.33      | 6.10  | 3          |
| 8660  | 45   | 30.38      | 6.10  | 2          |
| 8665  | 45   | 40.54      | 6.10  | 3          |
| 8670  | 45   | 12.60      | 6.10  | 15         |
| 8674  | 45   | 24.47      | 6.10  | 2          |
| 8680  | 45   | 12.78      | 6.10  | 10         |
| 8690  | 45   | 47.10      | 6.10  | 10         |
| 8700  | 46   | 5.50       | 6.00  | 60         |
| 8706  | 46   | 10.98      | 6.10  | 18         |
| 8707  | 46   | 4.67       | 6.10  | 12         |
| 8708  | 46   | 7.24       | 6.10  | 20         |
| 8709  | 46   | 7.85       | 6.10  | 20         |
| 8710  | 46   | 7.44       | 6.00  | 50         |
| 8712  | 46   | 15.93      | 4.00  | 20         |
| 8713  | 46   | 11.43      | 6.10  | 20         |
| 8714  | 46   | 18.27      | 6.10  | 20         |

# Índice de claves

| CLAVE | PAG. | PER. ANOD. | LARGO | PZS/ ATADO |
|-------|------|------------|-------|------------|
| 8715  | 46   | 15.94      | 6.10  | 20         |
| 8716  | 46   | 14.79      | 6.10  | 18         |
| 8750  | 46   | 7.60       | 6.10  | 20         |
| 8760  | 46   | 10.07      | 6.10  | 20         |
| 8762  | 46   | 10.16      | 6.10  | 20         |
| 8765  | 46   | 10.16      | 6.10  | 20         |
| 8770  | 46   | 15.20      | 6.10  | 10         |
| 8799  | 46   | 1.40       | 6.10  | 50         |
| 8800  | 46   | 1.90       | 6.10  | 50         |
| 8805  | 46   | 2.40       | 6.10  | 30         |
| 8810  | 46   | 2.99       | 6.10  | 15         |
| 8811  | 46   | 4.99       | 6.10  | 5          |
| 8815  | 46   | 7.18       | 6.10  | 5          |
| 8825  | 46   | 3.99       | 6.10  | 10         |
| 8830  | 46   | 5.90       | 6.10  | 5          |
| 8832  | 46   | 7.98       | 6.10  | 5          |
| 8834  | 46   | 8.23       | 6.10  | 3          |
| 8838  | 46   | 11.97      | 6.10  | 3          |
| 8840  | 46   | 10.57      | 6.10  | 3          |
| 8842  | 46   | 10.77      | 6.10  | 3          |
| 8844  | 46   | 9.97       | 6.10  | 5          |
| 8848  | 46   | 19.95      | 6.10  | 5          |
| 8849  | 46   | 22.94      | 6.10  | 5          |
| 9010  | 21   | 6.60       | 6.10  | 20         |
| 9015  | 21   | 8.00       | 6.10  | 20         |
| 9030  | 21   | 6.60       | 6.10  | 50         |
| 9040  | 21   | 6.60       | 6.10  | 30         |
| 9041  | 21   | 5.04       | 6.10  | 30         |
| 9060  | 21   | 7.50       | 6.10  | 50         |
| 9150  | 27   | 15.10      | 6.10  | 20         |
| 9155  | 27   | 16.00      | 6.10  | 20         |
| 9160  | 27   | 8.00       | 6.10  | 30         |
| 9300  | 27   | 31.30      | 6.10  | 5          |
| 9302  | 27   | 22.46      | 6.10  | 2          |
| 9303  | 28   | 34.84      | 6.10  | 2          |
| 9304  | 27   | 42.05      | 6.10  | 2          |
| 9306  | 28   | 27.53      | 6.10  | 2          |
| 9324  | 25   | 17.43      | 6.10  | 10         |
| 9325  | 25   | 18.56      | 6.10  | 10         |
| 9338  | 24   | 17.00      | 6.10  | 10         |
| 9343  | 24   | 49.50      | 6.10  | 5          |
| 9350  | 24   | 22.50      | 6.10  | 10         |
| 9351  | 26   | 54.10      | 6.10  | 4          |
| 9356  | 26   | 28.55      | 6.10  | 6          |
| 9361  | 26   | 14.44      | 6.10  | 15         |
| 9395  | 47   | 6.98       | 6.10  | 15         |
| 9396  | 47   | 6.98       | 6.10  | 15         |
| 9397  | 47   | 2.90       | 6.10  | 30         |
| 9398  | 47   | 3.99       | 6.10  | 15         |
| 9399  | 47   | 5.98       | 6.10  | 15         |
| 9402  | 47   | 7.90       | 6.10  | 10         |
| 9403  | 47   | 9.97       | 6.10  | 10         |
| 9404  | 47   | 7.98       | 6.10  | 10         |
| 9405  | 47   | 4.99       | 6.10  | 15         |
| 9406  | 47   | 7.90       | 6.10  | 10         |
| 9407  | 47   | 9.97       | 6.10  | 5          |
| 9409  | 47   | 7.90       | 6.10  | 5          |
| 9410  | 47   | 11.17      | 6.10  | 5          |
| 9414  | 47   | 6.98       | 6.10  | 15         |
| 9415  | 47   | 11.97      | 6.10  | 5          |
| 9419  | 47   | 12.53      | 6.10  | 5          |
| 9420  | 47   | 8.16       | 6.10  | 10         |
| 9421  | 47   | 15.79      | 6.10  | 2          |
| 9423  | 47   | 5.98       | 6.10  | 3          |

| CLAVE | PAG. | PER. ANOD. | LARGO | PZS/ ATADO |
|-------|------|------------|-------|------------|
| 9424  | 47   | 12.57      | 6.10  | 3          |
| 9425  | 47   | 17.16      | 6.10  | 2          |
| 9429  | 47   | 8.38       | 6.10  | 2          |
| 9435  | 47   | 3.99       | 6.10  | 5          |
| 9490  | 47   | 15.90      | 6.10  | 2          |
| 9501  | 47   | 15.90      | 6.10  | 3          |
| 9502  | 47   | 15.90      | 6.10  | 5          |
| 9503  | 47   | 23.10      | 6.10  | 2          |
| 9504  | 47   | 31.90      | 6.10  | 2          |
| 9507  | 47   | 35.90      | 6.10  | 5          |
| 9509  | 47   | 15.96      | 6.10  | 3          |
| 9510  | 47   | 6.70       | 6.10  | 5          |
| 9511  | 47   | 8.36       | 6.10  | 10         |
| 9512  | 47   | 10.50      | 6.10  | 5          |
| 9513  | 47   | 13.24      | 6.10  | 5          |
| 9514  | 47   | 15.16      | 6.10  | 3          |
| 9515  | 47   | 18.95      | 6.10  | 2          |
| 9516  | 47   | 22.94      | 6.10  | 2          |
| 9517  | 47   | 27.93      | 6.10  | 5          |
| 9518  | 47   | 35.91      | 6.10  | 2          |
| 9519  | 47   | 19.94      | 6.10  | 20         |
| 9520  | 47   | 6.70       | 3.03  | 5          |
| 9521  | 47   | 8.38       | 3.03  | 5          |
| 9522  | 47   | 10.40      | 3.03  | 5          |
| 9523  | 47   | 13.25      | 3.03  | 3          |
| 9524  | 47   | 15.61      | 3.03  | 3          |
| 9525  | 47   | 18.95      | 3.03  | 2          |
| 9526  | 47   | 22.94      | 3.01  | 2          |
| 9527  | 47   | 27.93      | 3.01  | 2          |
| 9528  | 47   | 35.91      | 3.01  | 3          |
| 9530  | 47   | 8.60       | 6.10  | 10         |
| 9531  | 47   | 10.60      | 6.10  | 5          |
| 9532  | 47   | 12.46      | 6.10  | 3          |
| 9533  | 47   | 15.58      | 6.10  | 5          |
| 9534  | 47   | 17.70      | 6.10  | 2          |
| 9535  | 47   | 21.94      | 6.10  | 12         |
| 9536  | 47   | 26.18      | 6.10  | 2          |
| 9537  | 47   | 31.40      | 6.10  | 2          |
| 9538  | 47   | 39.90      | 6.10  | 1          |
| 9539  | 47   | 15.96      | 6.00  | 3          |
| 9540  | 47   | 11.94      | 6.00  | 5          |
| 9543  | 47   | 31.92      | 6.10  | 1          |
| 9544  | 47   | 44.39      | 6.10  | 1          |
| 9545  | 47   | 52.87      | 6.10  | 1          |
| 9666  | 30   | 38.18      | 6.10  | 2          |
| 10125 | 28   | 57.14      | 6.10  | 1          |
| 10545 | 29   | 78.13      | 6.10  | 1          |
| 10655 | 40   | 41.51      | 6.10  | 1          |
| 10669 | 25   | 27.25      | 6.10  | 1          |
| 10670 | 25   | 35.38      | 6.10  | 4          |
| 10671 | 25   | 22.60      | 6.10  | 4          |
| 10747 | 40   | 21.01      | 6.10  | 10         |
| 10823 | 40   | 24.40      | 6.10  | 2          |
| 10845 | 25   | 25.36      | 6.10  | 3          |
| 11758 | 28   | 56.31      | 6.10  | 1          |
| 12011 | 8    | 44.78      | 6.10  | 6          |
| 12021 | 8    | 13.63      | 6.10  | 20         |
| 12050 | 8    | 36.53      | 6.10  | 6          |
| 12069 | 8    | 21.85      | 6.10  | 10         |
| 12075 | 8    | 10.50      | 6.10  | 20         |
| 12094 | 8    | 16.66      | 6.10  | 12         |
| 12097 | 8    | 18.60      | 4.60  | 10         |
| 12098 | 8    | 14.65      | 4.60  | 10         |
| 12105 | 8    | 29.95      | 6.10  | 6          |

| CLAVE | PAG. | PER. ANOD. | LARGO | PZS/ ATADO |
|-------|------|------------|-------|------------|
| 12330 | 9    | 26.97      | 6.10  | 8          |
| 12358 | 9    | 29.52      | 6.10  | 8          |
| 12359 | 8    | 28.32      | 6.10  | 8          |
| 13005 | 12   | 48.60      | 6.10  | 4          |
| 13015 | 13   | 22.83      | 6.10  | 10         |
| 13025 | 13   | 29.11      | 6.10  | 9          |
| 13026 | 13   | 23.51      | 6.10  | 9          |
| 13035 | 13   | 33.92      | 6.10  | 6          |
| 13076 | 12   | 41.70      | 6.10  | 6          |
| 13080 | 13   | 17.12      | 6.10  | 20         |
| 13083 | 13   | 27.47      | 6.10  | 10         |
| 13090 | 13   | 23.64      | 6.10  | 6          |
| 13097 | 13   | 22.25      | 4.60  | 6          |
| 13100 | 13   | 34.70      | 6.10  | 4          |
| 13150 | 13   | 26.39      | 4.60  | 6          |
| 13453 | 14   | 37.25      | 6.10  | 6          |
| 13485 | 14   | 17.28      | 6.10  | 20         |
| 14523 | 35   | 31.62      | 6.10  | 2          |
| 15191 | 19   | 21.42      | 4.60  | 6          |
| 15300 | 29   | 39.54      | 6.10  | 1          |
| 16511 | 23   | 14.64      | 6.10  | 10         |
| 16565 | 20   | 12.74      | 6.10  | 20         |
| 17050 | 21   | 33.64      | 6.10  | 10         |
| 17400 | 44   | 7.55       | 6.10  | 20         |
| 17500 | 44   | 10.10      | 6.10  | 12         |
| 17511 | 44   | 15.17      | 6.10  | 9          |
| 18006 | 44   | 11.36      | 6.10  | 10         |
| 18036 | 44   | 15.10      | 6.10  | 8          |
| 18055 | 44   | 20.25      | 6.10  | 5          |
| 18071 | 44   | 24.06      | 6.10  | 3          |
| 18080 | 44   | 29.14      | 6.10  | 3          |
| 19350 | 24   | 23.58      | 6.10  | 10         |

\*Algunos diseños incluidos en este catálogo cuentan con registros de propiedad industrial e intelectual.

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