



**EXALUM**  
METAL INDO PT.



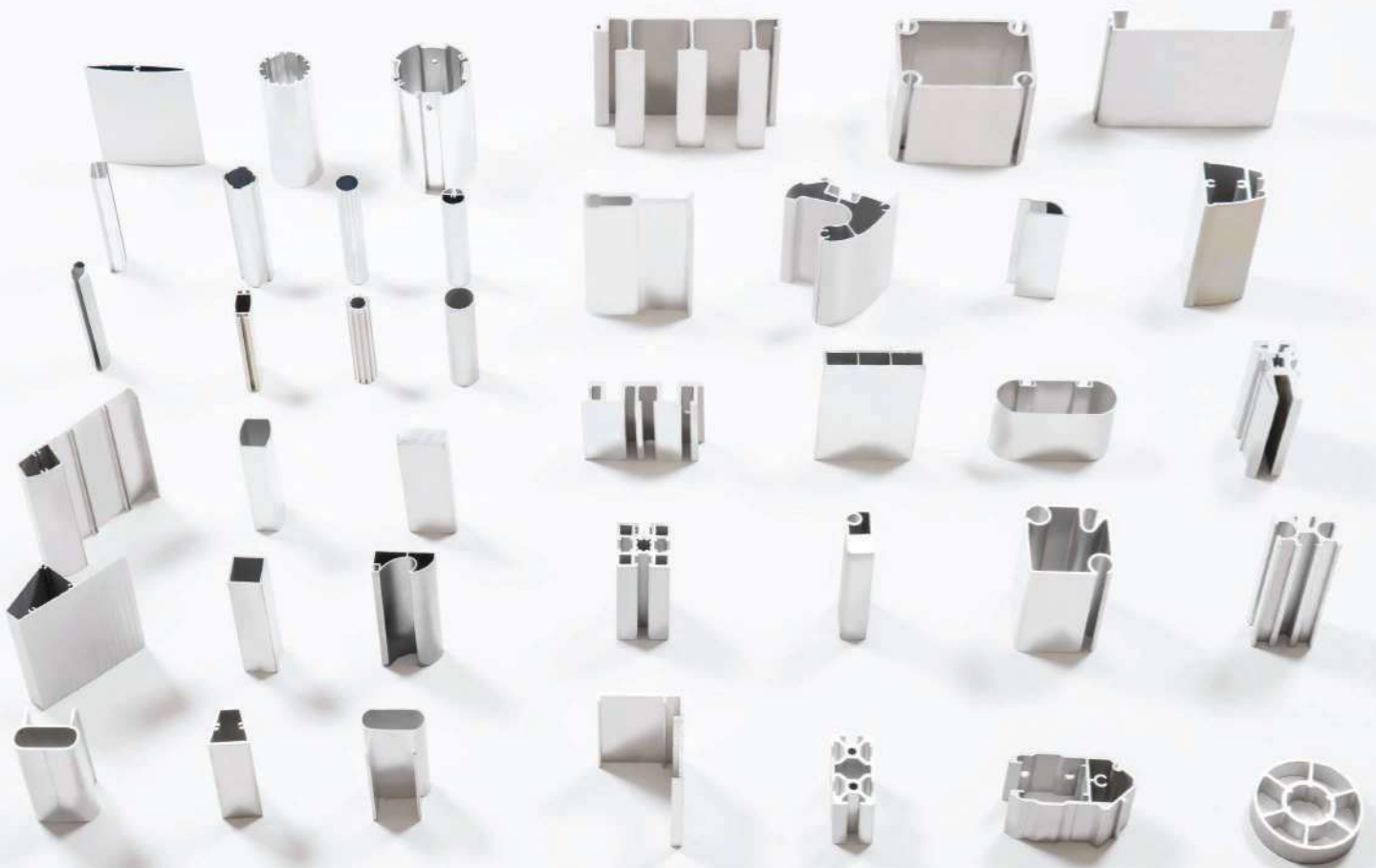


## ABOUT US

# EXALUM

METAL INDO PT

Established in 2009, PT. Exalum Metal Indo prides itself as one of Indonesia's leading integrated aluminium extrusion company. We are headquartered in Serang, Tangerang and has an area of 20,000 sqm. Our vertical process starts from melting, billet production and results in extrusion. In addition, we also provide anodizing and powder coating in a wide range of colors and finishes.



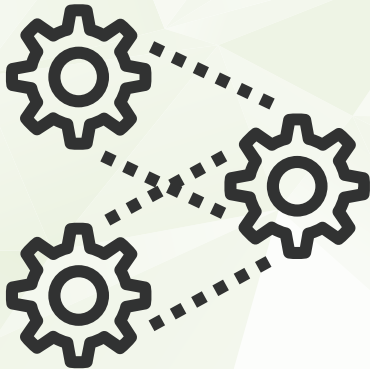
## VISION

To provide added value to our customers by providing high quality products and exceptional customer service.

## MISSION

To be the market leader for aluminium extrusion in Asia, known for its quality and service.

# OUR PROCESS



## DIES

We have a dedicated team of experts to design & create dies according to our customer's specification.



## MELTING

A mixture of aluminium ingot and other raw materials are melted down to create an alloy.



## BILLET

The result of the melting process is aluminium billet. We can customize the billet according to the specific series that the customer requests.



## EXTRUSION

Extrusion is the process of shaping the material by forcing it to flow through a shaped opening in a die.

## **ANODIZING**

During the anodizing process, each profile is coated with an oxide layer for durability, aesthetic, insulation and anti-corrosion purposes.

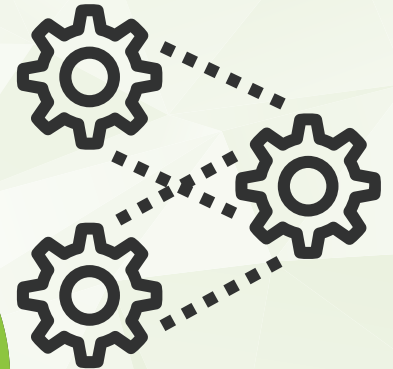


## **POWDER COATING**

Processed by this technique, the profile is offered with many kinds of colors. The result is an uniform, durable, high quality, and attractive finish. The coating will not volatilize, oxidize or pollute the environment, suitable for indoor or outdoor decoration.



## **OUR PROCESS**



## **QUALITY CONTROL**

Our quality control team checks for defects ensuring that every extrusion is in perfect condition and ready for packing and delivery.



## **PACKING / DELIVERY**

We strive to meet our customer's requests when it comes to packaging our goods to the upmost quality whilst making sure that our products arrive on time.



# OUR PRODUCTS

## Aluminium Alloy Series AA6063 AA6061

Temper : T4, T5, T6

### Surface Finish :



Mild Finished



Clear Anodized



Bronze Anodized



Black Anodized



Powder Coating

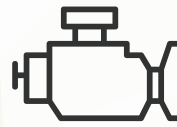
### EXTRUSION APPLICATION :



Architectural



Electronic Parts



Industrial and  
Engineering Products



General Purpose



Household



Furniture

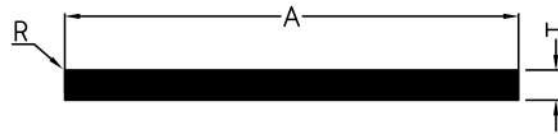


Automotive

6063 is the most popular of the aluminium extrusion alloys. This alloy produces a good surface finish, is corrosion resistant and can be heat-treated for strength. This alloy is used in fabricated parts such as : storm windows, storm doors, storefronts and commercial buildings. In other words, it is primarily used in non-structural applications, but occasionally used in structural applications.

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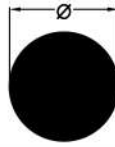
|                         |     |
|-------------------------|-----|
| FLAT BARS               | 01  |
| ROUND BARS              | 03  |
| EQUAL ANGLE             | 04  |
| UNEQUAL ANGLE           | 05  |
| EQUAL CHANNEL           | 06  |
| UNEQUAL CHANNEL         | 07  |
| SQUARE HOLLOW           | 08  |
| SQUARE HOLLOW (R)       | 10  |
| RECTANGULAR HOLLOW      | 13  |
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| TUBING PIPES            | 18  |
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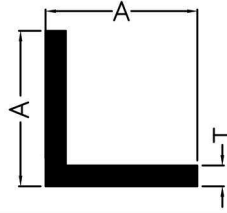
| SECTION | A (mm) | T (mm) | R (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|--------|----------|----------------|
| 10022   | 12.70  | 0.80   | -      | 0.028    | 27.000         |
| 10023   | 12.70  | 0.90   | -      | 0.031    | 27.200         |
| 10025   | 19.00  | 0.90   | -      | 0.046    | 39.800         |
| 10026   | 20.00  | 3.00   | -      | 0.163    | 46.000         |
| 10027   | 15.40  | 2.00   | -      | 0.083    | 34.800         |
| 10028   | 19.05  | 2.80   | -      | 0.145    | 43.700         |
| 10030   | 25.00  | 5.00   | -      | 0.339    | 60.000         |
| 10031   | 25.00  | 3.00   | -      | 0.203    | 56.000         |
| 10032   | 25.00  | 0.90   | -      | 0.062    | 51.800         |
| 10033   | 25.00  | 10.00  | -      | 0.678    | 70.000         |
| 10040   | 50.00  | 5.00   | -      | 0.678    | 110.000        |
| 10051   | 31.78  | 6.00   | -      | 0.516    | 75.500         |
| 10060   | 30.00  | 5.00   | -      | 0.406    | 70.000         |
| 10062   | 30.00  | 3.00   | -      | 0.243    | 66.000         |
| 10065   | 60.00  | 6.00   | -      | 0.976    | 132.000        |
| 10070   | 42.00  | 2.20   | -      | 0.250    | 88.400         |
| 10080   | 62.00  | 8.00   | 1.00   | 1.342    | 138.280        |
| 10081   | 62.00  | 9.00   | 1.00   | 1.509    | 140.280        |
| 10082   | 33.00  | 16.00  | 2.00   | 1.421    | 94.566         |



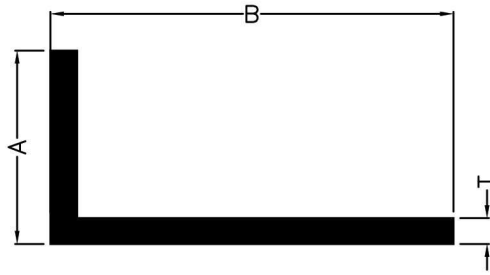
| SECTION | A (mm) | T (mm) | R (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|--------|----------|----------------|
| 10083   | 38.00  | 19.00  | 2.00   | 1.947    | 110.560        |
| 10090   | 45.00  | 8.00   | 1.00   | 0.973    | 104.290        |
| 10100   | 40.00  | 8.00   | 1.00   | 0.865    | 94.290         |
| 10200   | 100.00 | 9.00   | 1.00   | 2.436    | 216.280        |
| 10201   | 100.00 | 6.00   | 1.00   | 1.624    | 210.280        |
| 10202   | 42.00  | 11.00  | 2.00   | 1.242    | 102.566        |
| 10203   | 25.00  | 8.00   | 2.00   | 0.532    | 62.566         |
| 10204   | 120.00 | 8.00   | 2.00   | 2.592    | 252.566        |
| 10205   | 35.00  | 16.00  | 2.00   | 1.508    | 98.566         |
| 10251   | 115.00 | 10.00  | -      | 3.117    | 250.000        |
| 10252   | 76.00  | 30.15  | -      | 6.210    | 221.000        |
| 10300   | 85.00  | 8.00   | -      | 1.842    | 186.000        |
| 10301   | 160.00 | 6.00   | -      | 2.602    | 332.000        |
| 10302   | 130.00 | 6.00   | -      | 2.114    | 272.000        |
| 10310   | 100.00 | 2.00   | -      | 0.542    | 204.000        |



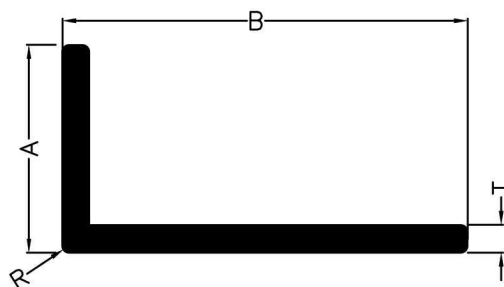
| SECTION | Ø (mm)      | W (Kg/m) | Perimeter (mm) | Max Length (m) |
|---------|-------------|----------|----------------|----------------|
| 15010   | 7.00        | 0.104    | 21.991         | -              |
| 15011   | 4.00        | 0.034    | 12.566         | -              |
| 15012   | 5.00        | 0.053    | 15.708         | -              |
| 15013   | 6.00        | 0.076    | 18.850         | -              |
| 15014   | 2.00        | 0.008    | 6.283          | -              |
| 15015   | 1.35        | 0.004    | 4.241          | -              |
| 15016   | 12.00       | 0.306    | 37.699         | -              |
| 15020   | 8.00        | 0.136    | 25.133         | -              |
| 15030   | 10.00       | 0.213    | 31.416         | -              |
| 15040   | 12.70(0.5") | 0.343    | 39.898         | -              |
| 15050   | 25.40(1")   | 1.510*   | 79.796         | -              |
| 15060   | 16.00       | 0.545    | 50.266         | -              |
| 15070   | 28.40       | 1.717    | 89.221         | -              |
| 15080   | 50.00       | 5.321    | 157.080        | 6.00           |
| 15081   | 50.80(2")   | 6.042*   | 159.593        | 5.50           |
| 15090   | 76.00       | 13.524*  | 238.761        | 2.50           |
| 15091   | 88.90(3.5") | 18.503*  | 279.288        | 1.80           |
| 15093   | 12.00       | 0.285    | 37.700         | -              |
| 15100   | 32.00       | 2.397*   | 100.531        | -              |
| 15200   | 20.00       | 0.851    | 62.832         | -              |
| 15202   | 70.00       | 11.472*  | 219.911        | 2.50           |
| 15203   | 63.50(2.5") | 9.440*   | 199.491        | 3.00           |
| 15204   | 57.50       | 7.740*   | 180.642        | 4.00           |
| 15215   | 38.36       | 3.155    | 120.511        | -              |



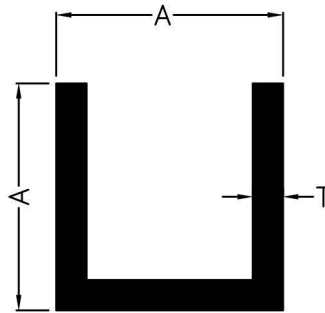
| SECTION | A (mm) | T (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|----------|----------------|
| 20018   | 9.50   | 0.80   | 0.040    | 38.000         |
| 20022   | 10.00  | 0.80   | 0.042    | 40.000         |
| 20025   | 12.70  | 0.80   | 0.053    | 50.800         |
| 20026   | 12.70  | 0.85   | 0.056    | 51.790         |
| 20043   | 18.00  | 2.00   | 0.184    | 72.000         |
| 20045   | 19.00  | 0.80   | 0.081    | 76.000         |
| 20046   | 19.00  | 1.20   | 0.120    | 76.000         |
| 20047   | 19.00  | 1.00   | 0.100    | 76.000         |
| 20048   | 19.05  | 2.00   | 0.196    | 76.200         |
| 20070   | 25.40  | 0.90   | 0.122    | 101.600        |
| 20071   | 25.40  | 0.80   | 0.108    | 101.600        |
| 20080   | 31.75  | 0.90   | 0.153    | 127.000        |
| 20090   | 38.10  | 0.90   | 0.184    | 152.000        |
| 20091   | 40.00  | 4.00   | 0.824    | 160.000        |
| 20092   | 50.00  | 4.00   | 1.040    | 200.000        |
| 21021   | 30.00  | 5.00   | 0.745    | 118.710        |



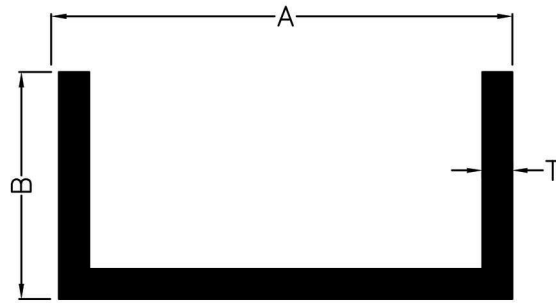
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|---------|--------|--------|--------|----------|----------------|
| 20094   | 24.00  | 50.00  | 4.00   | 0.759    | 148.000        |
| 21011   | 12.50  | 25.00  | 1.30   | 0.128    | 75.000         |
| 21012   | 11.80  | 25.00  | 1.40   | 0.134    | 73.600         |
| 21013   | 13.00  | 27.00  | 1.50   | 0.157    | 80.000         |
| 21014   | 20.00  | 30.00  | 2.50   | 0.322    | 100.000        |
| 21020   | 12.00  | 14.00  | 1.20   | 0.081    | 52.000         |
| 21030   | 12.70  | 31.50  | 0.90   | 0.106    | 88.400         |
| 21040   | 15.00  | 29.00  | 1.70   | 0.195    | 88.000         |
| 21041   | 8.00   | 15.00  | 1.50   | 0.087    | 46.000         |
| 21060   | 15.00  | 80.00  | 5.00   | 1.220    | 190.000        |
| 22000   | 14.00  | 23.00  | 1.70   | 0.162    | 74.000         |
| 22011   | 13.50  | 27.00  | 1.50   | 0.158    | 81.000         |



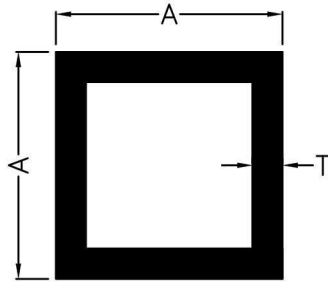
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|---------|--------|--------|--------|--------|----------|----------------|
| 21010   | 12.50  | 25.00  | 1.40   | 0.30   | 0.137    | 74.356         |
| 21050   | 8.00   | 100.00 | 1.00   | 0.30   | 0.289    | 215.013        |



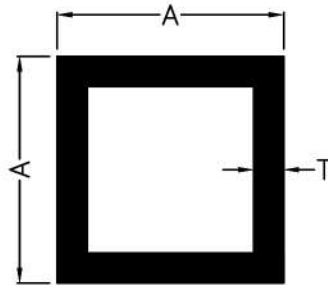
| SECTION | A (mm) | T (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|----------|----------------|
| 30012   | 9.50   | 0.90   | 0.064    | 56.190         |
| 30042   | 12.70  | 0.90   | 0.088    | 75.390         |
| 31020   | 15.88  | 0.90   | 0.112    | 93.480         |
| 31022   | 9.53   | 0.90   | 0.065    | 55.380         |
| 31030   | 19.05  | 0.90   | 0.135    | 112.500        |
| 31032   | 12.70  | 0.90   | 0.089    | 74.400         |
| 31033   | 19.05  | 1.00   | 0.149    | 112.300        |
| 31040   | 25.40  | 1.00   | 0.201    | 150.400        |
| 31042   | 15.88  | 0.90   | 0.112    | 93.480         |
| 31050   | 25.00  | 0.90   | 0.179    | 148.200        |
| 31052   | 19.05  | 0.90   | 0.135    | 112.500        |
| 31060   | 25.00  | 1.20   | 0.236    | 147.600        |
| 31062   | 25.40  | 0.90   | 0.182    | 150.600        |
| 31070   | 12.70  | 1.50   | 0.142    | 73.000         |
| 32062   | 25.40  | 0.90   | 0.181    | 150.600        |



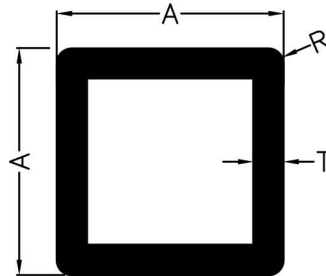
| SECTION | A (mm) | B (mm) | T (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|--------|----------|----------------|
| 31021   | 15.20  | 9.10   | 1.00   | 0.085    | 64.000         |
| 32032   | 25.40  | 12.70  | 0.90   | 0.119    | 99.800         |
| 32042   | 12.70  | 50.80  | 0.90   | 0.182    | 150.600        |
| 32052   | 38.10  | 25.40  | 0.90   | 0.212    | 176.000        |
| 32053   | 101.60 | 19.05  | 0.90   | 0.336    | 277.600        |



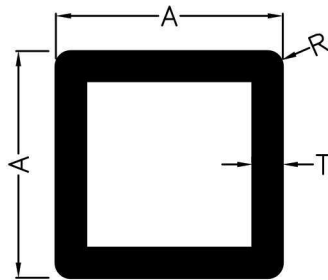
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|---------|--------|--------|----------|----------------|
| 40012   | 11.50  | 0.80   | 0.093    | 85.600         |
| 40013   | 12.00  | 1.00   | 0.119    | 88.000         |
| 40014   | 12.00  | 0.90   | 0.108    | 88.800         |
| 40015   | 12.70  | 1.30   | 0.161    | 91.200         |
| 40030   | 15.88  | 1.20   | 0.191    | 117.440        |
| 40031   | 15.80  | 1.00   | 0.160    | 118.400        |
| 40032   | 15.88  | 1.00   | 0.161    | 119.040        |
| 40034   | 16.00  | 2.00   | 0.303    | 112.000        |
| 40050   | 19.00  | 1.50   | 0.285    | 140.000        |
| 40059   | 20.00  | 1.20   | 0.244    | 150.400        |
| 40070   | 22.00  | 1.20   | 0.271    | 166.400        |
| 40080   | 22.00  | 1.50   | 0.333    | 164.000        |
| 40100   | 25.00  | 1.20   | 0.310    | 190.400        |



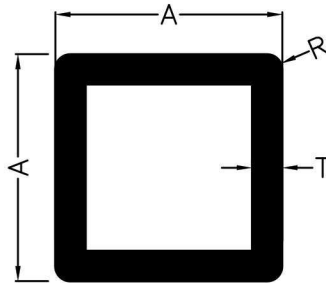
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|---------|--------|--------|----------|----------------|
| 40101   | 25.00  | 0.80   | 0.210    | 193.600        |
| 40110   | 25.00  | 1.50   | 0.382    | 188.000        |
| 40111   | 25.40  | 0.90   | 0.239    | 196.000        |
| 40112   | 25.40  | 1.00   | 0.264    | 195.200        |
| 40120   | 40.00  | 1.20   | 0.505    | 310.400        |
| 40121   | 40.00  | 0.90   | 0.381    | 152.800        |
| 40122   | 40.00  | 1.00   | 0.423    | 312.000        |
| 40123   | 50.00  | 3.50   | 1.764    | 372.000        |
| 40124   | 40.00  | 4.00   | 1.561    | 288.000        |
| 40126   | 40.00  | 1.50   | 0.626    | 308.000        |
| 40127   | 40.00  | 1.80   | 0.751    | 305.600        |
| 40130   | 38.10  | 1.50   | 0.596    | 292.800        |
| 40131   | 38.10  | 1.00   | 0.402    | 296.800        |
| 40141   | 20.00  | 1.40   | 0.282    | 148.800        |
| 40151   | 38.10  | 1.20   | 0.480    | 295.200        |
| 40190   | 37.00  | 0.90   | 0.352    | 288.800        |
| 40200   | 30.00  | 1.20   | 0.374    | 230.400        |
| 47016   | 19.00  | 1.20   | 0.232    | 142.400        |
| 47123   | 30.00  | 2.00   | 0.607    | 224.000        |
| 47151   | 30.00  | 3.05   | 0.980    | 215.600        |



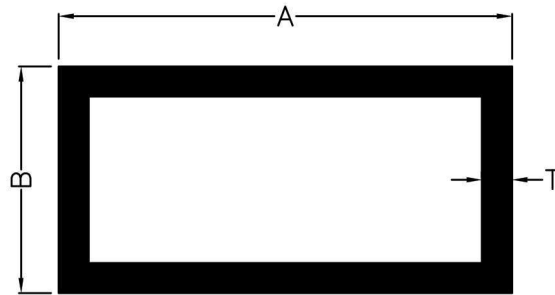
| SECTION | A (mm) | T (mm) | R (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|--------|----------|----------------|
| 40051   | 19.00  | 1.00   | 2.00   | 0.188    | 138.850        |
| 40062   | 20.00  | 2.00   | 1.50   | 0.390    | 138.850        |
| 40063   | 20.00  | 3.00   | 0.50   | 0.552    | 135.142        |
| 40102   | 25.00  | 1.20   | 1.00   | 0.307    | 188.683        |
| 40113   | 25.00  | 2.00   | 0.70   | 0.498    | 182.798        |
| 40119   | 40.00  | 1.50   | 0.70   | 0.625    | 306.798        |
| 40121   | 40.00  | 0.90   | 0.30   | 0.381    | 312.285        |
| 40140   | 20.00  | 1.40   | 1.00   | 0.280    | 147.083        |
| 40150   | 38.10  | 0.90   | 0.30   | 0.363    | 297.085        |



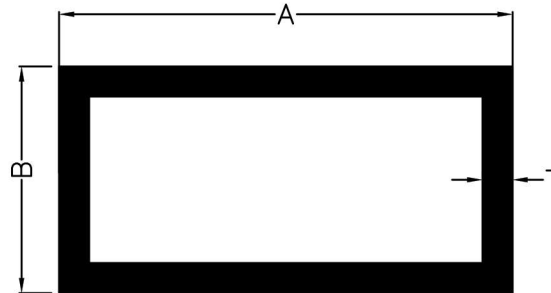
| SECTION | A (mm) | T (mm) | R (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|--------|----------|----------------|
| 47000   | 15.00  | 1.20   | 2.00   | 0.171    | 105.593        |
| 47001   | 44.45  | 1.20   | 2.00   | 0.555    | 341.193        |
| 47002   | 50.00  | 1.50   | 2.00   | 0.780    | 383.708        |
| 47003   | 19.00  | 1.20   | 2.00   | 0.224    | 137.593        |
| 47004   | 19.00  | 1.45   | 2.00   | 0.267    | 136.022        |
| 47005   | 60.00  | 2.00   | 2.00   | 1.248    | 460.566        |
| 47006   | 19.05  | 1.00   | 0.70   | 0.195    | 143.198        |
| 47007   | 25.00  | 1.00   | 0.70   | 0.259    | 190.798        |
| 47008   | 30.00  | 1.40   | 2.00   | 0.426    | 224.336        |
| 47009   | 19.00  | 1.20   | 0.70   | 0.230    | 141.198        |
| 47010   | 19.00  | 1.50   | 2.00   | 0.276    | 135.708        |
| 47011   | 50.00  | 1.20   | 2.50   | 0.624    | 383.876        |
| 47014   | 100.00 | 2.00   | 2.00   | 3.154    | 769.130        |
| 47017   | 20.00  | 1.40   | 1.00   | 0.280    | 147.083        |
| 47030   | 15.88  | 1.00   | 0.70   | 0.160    | 116.637        |
| 47032   | 19.00  | 1.00   | 2.00   | 0.188    | 138.850        |
| 47103   | 25.00  | 1.40   | 1.00   | 0.356    | 187.083        |
| 47104   | 25.00  | 1.20   | 2.00   | 0.301    | 185.593        |
| 47105   | 25.00  | 1.00   | 2.00   | 0.253    | 186.850        |
| 47110   | 25.40  | 1.50   | 3.00   | 0.373    | 183.474        |



| SECTION | A (mm) | T (mm) | R (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|--------|----------|----------------|
| 47120   | 40.00  | 2.00   | 2.00   | 0.814    | 300.566        |
| 47121   | 40.00  | 1.50   | 2.00   | 0.617    | 303.708        |
| 47122   | 40.00  | 1.50   | 0.70   | 0.625    | 306.798        |
| 47125   | 30.00  | 2.00   | 2.00   | 0.598    | 220.570        |
| 47140   | 20.00  | 1.40   | 1.00   | 0.280    | 147.080        |
| 47141   | 20.00  | 1.50   | 2.00   | 0.292    | 144.566        |
| 47142   | 20.00  | 1.20   | 2.00   | 0.237    | 145.593        |
| 47143   | 20.00  | 2.00   | 2.00   | 0.381    | 140.223        |
| 47145   | 16.00  | 1.00   | 2.00   | 0.156    | 114.850        |
| 47146   | 30.00  | 1.20   | 2.00   | 0.367    | 225.593        |
| 47147   | 40.00  | 1.20   | 2.00   | 0.497    | 305.593        |
| 47150   | 76.20  | 2.00   | 2.00   | 1.608    | 586.732        |



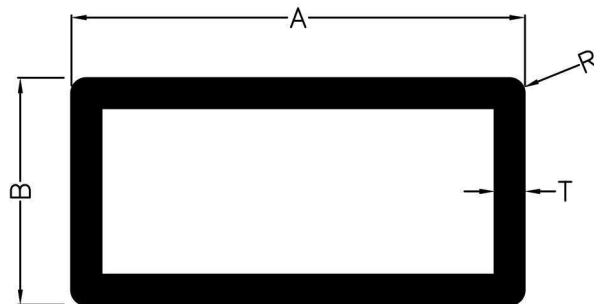
| SECTION | A (mm) | B (mm) | T (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|--------|----------|----------------|
| 45062   | 20.00  | 10.00  | 0.80   | 0.123    | 113.600        |
| 45082   | 23.50  | 12.40  | 0.80   | 0.149    | 137.200        |
| 45090   | 25.00  | 12.00  | 1.20   | 0.225    | 138.400        |
| 45092   | 25.40  | 12.70  | 0.90   | 0.177    | 145.200        |
| 45140   | 40.00  | 20.00  | 1.20   | 0.375    | 230.400        |
| 45141   | 40.00  | 20.00  | 0.90   | 0.284    | 119.490        |
| 45142   | 40.00  | 20.00  | 1.00   | 0.314    | 232.000        |
| 45150   | 50.00  | 25.00  | 1.20   | 0.472    | 290.400        |



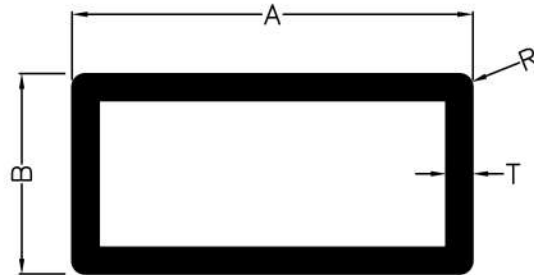
| SECTION | A (mm) | B (mm) | T (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|--------|----------|----------------|
| 45160   | 50.00  | 25.00  | 1.50   | 0.585    | 288.000        |
| 45161   | 50.00  | 25.00  | 0.80   | 0.318    | 293.600        |
| 45162   | 50.00  | 25.00  | 2.00   | 0.770    | 284.000        |
| 45170   | 38.10  | 25.41  | 0.90   | 0.301    | 246.840        |
| 45171   | 38.10  | 25.40  | 0.80   | 0.268    | 247.600        |
| 45180   | 50.80  | 25.40  | 0.90   | 0.363    | 297.600        |
| 45181   | 50.80  | 25.40  | 0.80   | 0.323    | 298.400        |
| 45182   | 60.00  | 40.00  | 2.50   | 1.286    | 380.000        |
| 45183   | 60.00  | 20.00  | 2.10   | 0.863    | 303.200        |
| 45185   | 60.00  | 30.00  | 3.00   | 1.366    | 336.000        |
| 45186   | 60.00  | 40.00  | 3.00   | 1.528    | 376.000        |
| 45190   | 76.20  | 25.40  | 0.90   | 0.487    | 399.200        |
| 45191   | 76.20  | 25.40  | 0.80   | 0.433    | 400.000        |
| 45192   | 76.20  | 38.10  | 0.85   | 0.518    | 450.400        |
| 45194   | 76.20  | 30.00  | 1.00   | 0.621    | 416.800        |
| 45200   | 101.60 | 25.40  | 1.20   | 0.810    | 498.400        |
| 45201   | 101.60 | 44.45  | 1.20   | 0.934    | 574.600        |
| 45202   | 101.60 | 25.40  | 0.90   | 0.611    | 500.800        |
| 45205   | 100.00 | 50.00  | 1.25   | 0.999    | 590.000        |



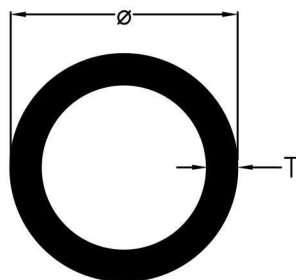
| SECTION | A (mm) | B (mm) | T (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|--------|----------|----------------|
| 45300   | 80.00  | 40.00  | 1.00   | 0.639    | 472.000        |
| 45301   | 80.00  | 40.00  | 1.80   | 1.144    | 465.600        |
| 46010   | 60.00  | 20.00  | 1.40   | 0.695    | 371.082        |
| 46030   | 50.00  | 20.00  | 1.40   | 0.785    | 443.083        |
| 46031   | 50.00  | 20.00  | 1.63   | 0.639    | 294.406        |
| 48000   | 101.60 | 25.40  | 1.00   | 0.677    | 500.000        |
| 48108   | 30.00  | 15.00  | 2.00   | 0.445    | 164.000        |
| 48147   | 40.00  | 20.00  | 2.00   | 0.612    | 224.000        |
| 48152   | 60.00  | 20.00  | 2.10   | 0.863    | 160.000        |
| 48200   | 38.10  | 19.05  | 0.90   | 0.270    | 114.300        |
| 48210   | 180.00 | 120.00 | 2.00   | 2.119    | 781.425        |



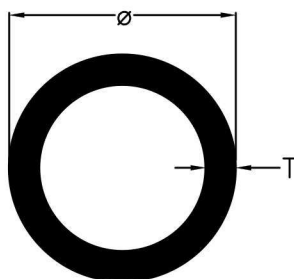
| SECTION | A (mm) | B (mm) | T (mm) | R (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|--------|--------|----------|----------------|
| 45141   | 40.00  | 20.00  | 0.90   | 0.30   | 0.284    | 232.285        |
| 45144   | 40.00  | 20.00  | 3.00   | 0.70   | 0.877    | 214.798        |
| 45145   | 40.00  | 25.00  | 1.60   | 0.70   | 0.534    | 245.998        |
| 45146   | 48.00  | 26.00  | 1.00   | 2.50   | 0.384    | 281.133        |
| 45184   | 60.00  | 15.00  | 1.50   | 0.40   | 0.585    | 287.313        |
| 45204   | 100.00 | 50.00  | 2.50   | 1.00   | 1.962    | 578.283        |
| 45206   | 100.00 | 100.00 | 1.80   | 2.00   | 1.906    | 782.160        |
| 46002   | 75.00  | 25.00  | 2.00   | 2.00   | 1.041    | 377.130        |
| 46004   | 100.00 | 25.00  | 2.00   | 2.00   | 1.425    | 557.000        |
| 46005   | 100.00 | 25.00  | 1.70   | 2.00   | 1.111    | 482.451        |
| 46033   | 50.00  | 25.00  | 2.00   | 2.00   | 0.760    | 280.566        |
| 46034   | 100.00 | 50.00  | 2.00   | 2.00   | 1.573    | 580.566        |
| 47107   | 50.00  | 25.00  | 2.00   | 1.00   | 0.767    | 283.283        |
| 47126   | 30.00  | 20.00  | 2.00   | 2.50   | 0.484    | 178.850        |
| 47127   | 25.00  | 15.00  | 2.70   | 2.00   | 0.492    | 134.108        |
| 47180   | 36.50  | 15.30  | 2.00   | 1.00   | 0.516    | 189.500        |



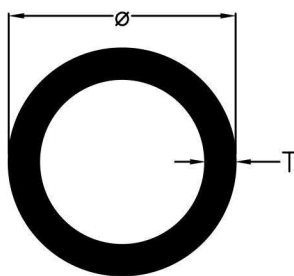
| SECTION | A (mm) | B (mm) | T (mm) | R (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|--------|--------|----------|----------------|
| 48001   | 48.00  | 26.00  | 0.85   | 6.00   | 0.342    | 270.058        |
| 48090   | 25.40  | 20.00  | 1.50   | 2.00   | 0.336    | 165.308        |
| 48102   | 30.00  | 15.00  | 1.50   | 2.00   | 0.333    | 163.708        |
| 48103   | 30.00  | 20.00  | 1.20   | 2.00   | 0.302    | 185.593        |
| 48104   | 50.00  | 25.00  | 1.40   | 2.00   | 0.539    | 284.336        |
| 48105   | 60.00  | 20.00  | 1.50   | 2.00   | 0.617    | 304.566        |
| 48107   | 50.00  | 25.00  | 2.50   | 2.00   | 0.939    | 276.566        |
| 48113   | 30.00  | 20.00  | 1.40   | 0.70   | 0.357    | 187.598        |
| 48115   | 30.00  | 20.00  | 1.50   | 2.00   | 0.373    | 183.708        |
| 48116   | 30.00  | 20.00  | 3.00   | 2.00   | 0.706    | 172.223        |
| 48140   | 40.00  | 20.00  | 1.20   | 2.00   | 0.367    | 225.593        |
| 48141   | 40.00  | 20.00  | 1.50   | 2.00   | 0.455    | 223.708        |
| 48142   | 40.00  | 20.00  | 2.10   | 4.00   | 0.607    | 212.899        |
| 48143   | 35.00  | 10.00  | 1.20   | 2.00   | 0.269    | 165.593        |
| 48144   | 40.00  | 26.00  | 2.00   | 5.00   | 0.634    | 234.266        |
| 48145   | 60.00  | 30.00  | 2.00   | 2.00   | 0.923    | 340.566        |
| 48146R1 | 40.00  | 20.00  | 2.00   | 0.40   | 0.611    | 223.310        |
| 48151   | 60.00  | 40.00  | 2.50   | 0.70   | 1.286    | 378.798        |
| 48161   | 50.00  | 20.00  | 4.00   | 0.70   | 1.343    | 246.798        |



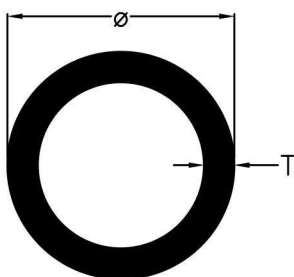
| SECTION | Ø (mm) | T (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|----------|----------------|
| 15093   | 12.00  | 4.40   | 0.285    | 47.752         |
| 50040   | 6.53   | 1.50   | 0.064    | 31.604         |
| 50052   | 8.00   | 0.80   | 0.049    | 45.239         |
| 50053   | 8.00   | 1.00   | 0.059    | 43.982         |
| 50090   | 8.00   | 1.20   | 0.069    | 42.726         |
| 50110   | 9.50   | 0.80   | 0.059    | 54.664         |
| 50111   | 9.50   | 0.90   | 0.066    | 54.035         |
| 50115   | 9.50   | 1.50   | 0.102    | 50.266         |
| 50130   | 9.50   | 1.20   | 0.085    | 52.150         |
| 50142   | 10.70  | 1.50   | 0.117    | 57.805         |
| 50143   | 10.00  | 1.00   | 0.077    | 56.549         |
| 50144   | 10.00  | 1.20   | 0.089    | 55.292         |
| 50150   | 11.00  | 0.80   | 0.069    | 64.089         |
| 50151   | 11.00  | 1.00   | 0.085    | 62.832         |
| 50152   | 12.70  | 0.90   | 0.090    | 74.142         |
| 50153   | 12.70  | 1.20   | 0.117    | 72.257         |
| 50155   | 12.00  | 1.40   | 0.126    | 66.602         |
| 50156   | 12.00  | 2.00   | 0.170    | 62.832         |
| 50157   | 12.00  | 4.40   | 0.285    | 47.752         |
| 50158   | 12.70  | 1.00   | 0.099    | 73.513         |
| 50211   | 15.00  | 1.40   | 0.162    | 85.451         |



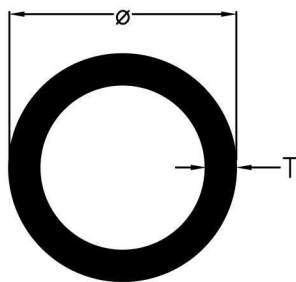
| SECTION | Ø (mm) | T (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|----------|----------------|
| 50220   | 14.00  | 1.20   | 0.131    | 80.425         |
| 50240   | 15.80  | 1.40   | 0.172    | 90.478         |
| 50241   | 15.80  | 1.50   | 0.183    | 89.850         |
| 50250   | 15.88  | 1.20   | 0.150    | 92.237         |
| 50251   | 15.88  | 0.90   | 0.115    | 94.122         |
| 50252   | 16.00  | 1.20   | 0.151    | 92.991         |
| 50253   | 15.88  | 1.00   | 0.127    | 93.494         |
| 50254   | 16.00  | 1.70   | 0.207    | 89.850         |
| 50255   | 16.00  | 3.00   | 0.332    | 81.681         |
| 50262   | 17.80  | 1.50   | 0.208    | 102.416        |
| 50263   | 18.00  | 2.00   | 0.272    | 100.531        |
| 50300   | 19.00  | 1.20   | 0.182    | 111.841        |
| 50301   | 19.00  | 0.90   | 0.139    | 113.726        |
| 50302   | 19.05  | 1.00   | 0.154    | 113.412        |
| 50310   | 19.00  | 1.50   | 0.223    | 109.956        |
| 50311   | 19.00  | 3.00   | 0.408    | 100.531        |
| 50312   | 19.00  | 2.00   | 0.289    | 106.814        |
| 50321   | 19.05  | 0.90   | 0.139    | 114.040        |
| 50322   | 19.00  | 2.80   | 0.386    | 101.788        |



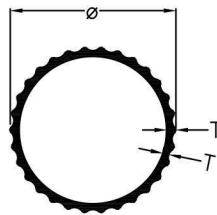
| SECTION | Ø (mm) | T (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|----------|----------------|
| 50352   | 20.00  | 1.50   | 0.236    | 116.239        |
| 50353   | 20.00  | 1.10   | 0.222    | 116.867        |
| 50355   | 20.00  | 2.00   | 0.307    | 113.097        |
| 50357   | 22.00  | 0.80   | 0.145    | 133.204        |
| 50360   | 22.00  | 1.50   | 0.262    | 128.805        |
| 50370   | 22.00  | 1.20   | 0.212    | 130.690        |
| 50380   | 22.00  | 1.80   | 0.310    | 126.920        |
| 50381   | 22.23  | 1.00   | 0.181    | 133.392        |
| 50383   | 22.00  | 2.00   | 0.341    | 125.664        |
| 50391   | 24.00  | 0.85   | 0.168    | 145.456        |
| 50392   | 23.00  | 0.80   | 0.151    | 139.487        |
| 50400   | 25.00  | 0.90   | 0.185    | 151.425        |
| 50410   | 25.00  | 1.00   | 0.204    | 150.796        |
| 50411   | 25.00  | 1.15   | 0.234    | 149.854        |
| 50420   | 25.00  | 1.20   | 0.243    | 149.540        |
| 50421   | 25.00  | 1.40   | 0.281    | 148.283        |



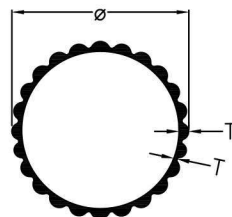
| SECTION | $\varnothing$ (mm) | T (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------------------|--------|----------|----------------|
| 50430   | 25.00              | 2.00   | 0.392    | 144.513        |
| 50440   | 25.00              | 1.50   | 0.300    | 147.655        |
| 50450   | 25.40              | 1.00   | 0.208    | 153.310        |
| 50480   | 25.00              | 1.80   | 0.356    | 145.770        |
| 50490   | 28.40              | 1.40   | 0.322    | 169.646        |
| 50500   | 25.40              | 1.00   | 0.208    | 153.310        |
| 50501   | 25.40              | 1.70   | 0.343    | 148.912        |
| 50510   | 26.00              | 1.60   | 0.332    | 153.310        |
| 50512   | 25.40              | 1.20   | 0.247    | 152.053        |
| 50515   | 25.40              | 1.50   | 0.305    | 150.168        |
| 50520   | 26.00              | 1.30   | 0.273    | 155.195        |
| 50522   | 26.00              | 1.60   | 0.332    | 153.310        |
| 50523   | 28.40              | 1.20   | 0.277    | 170.903        |
| 50530   | 30.00              | 1.20   | 0.294    | 180.956        |
| 50531   | 30.00              | 2.00   | 0.477    | 175.929        |
| 50533   | 30.00              | 1.50   | 0.364    | 179.071        |
| 50534   | 30.00              | 1.85   | 0.433    | 176.872        |
| 50540   | 31.75              | 2.00   | 0.507    | 186.925        |
| 50541   | 31.75              | 1.20   | 0.312    | 191.951        |
| 50542   | 31.70              | 0.85   | 0.223    | 193.836        |
| 50543   | 35.00              | 2.20   | 0.614    | 206.089        |



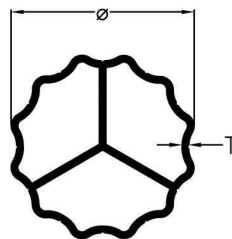
| SECTION | $\varnothing$ (mm) | T (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------------------|--------|----------|----------------|
| 50544   | 32.00              | 1.40   | 0.365    | 192.266        |
| 50545   | 32.00              | 4.00   | 0.954    | 175.929        |
| 50546   | 34.50              | 4.50   | 1.149    | 188.490        |
| 50547   | 35.00              | 2.00   | 0.562    | 207.345        |
| 50549   | 37.00              | 4.00   | 1.124    | 207.345        |
| 50550   | 38.00              | 1.20   | 0.376    | 231.221        |
| 50551   | 38.00              | 2.00   | 0.612    | 226.195        |
| 50552   | 38.00              | 1.50   | 0.466    | 229.336        |
| 50560   | 40.00              | 1.80   | 0.585    | 240.018        |
| 50561   | 40.00              | 2.00   | 0.647    | 238.761        |
| 50580   | 32.00              | 3.00   | 0.741    | 182.212        |
| 50600   | 50.80              | 1.00   | 0.424    | 312.903        |
| 50602   | 50.80              | 2.00   | 0.831    | 306.619        |
| 50604   | 59.80              | 1.50   | 0.745    | 366.310        |
| 50701   | 76.20              | 1.00   | 0.640    | 472.496        |
| 50710   | 90.00              | 1.20   | 0.907    | 557.947        |
| 50900   | 33.70              | 2.40   | 0.640    | 196.664        |
| 51000   | 44.00              | 1.50   | 0.542    | 267.035        |
| 51100   | 63.50              | 1.00   | 0.532    | 392.700        |
| 51110   | 65.00              | 21.00  | 7.866    | 276.460        |
| 51114   | 16.00              | 2.00   | 0.238    | 87.965         |



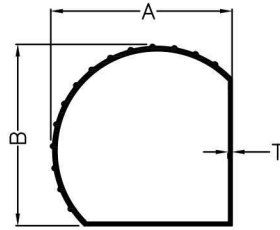
| SECTION | Ø (mm) | T (mm)      | W (Kg/m) | Perimeter (mm) |
|---------|--------|-------------|----------|----------------|
| 55010   | 20.00  | 0.60 / 0.90 | 0.113    | 120.940        |
| 55020   | 24.20  | 0.70 / 1.20 | 0.161    | 154.332        |
| 55021   | 24.20  | 0.80 / 1.30 | 0.180    | 153.704        |
| 55022   | 23.00  | 0.60 / 0.90 | 0.125    | 142.988        |
| 55023   | 24.00  | 0.60 / 0.90 | 0.130    | 149.212        |
| 55024   | 23.00  | 0.55 / 0.95 | 0.116    | 149.234        |
| 55040   | 25.20  | 0.90 / 1.40 | 0.223    | 155.401        |



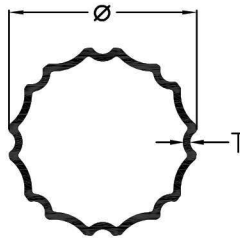
| SECTION | Ø (mm) | T (mm)      | W (Kg/m) | Perimeter (mm) |
|---------|--------|-------------|----------|----------------|
| 55041   | 25.00  | 0.50 / 1.40 | 0.206    | 161.598        |



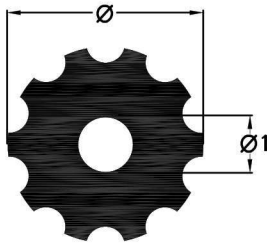
| SECTION | Ø (mm) | T (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|----------|----------------|
| 55030   | 27.70  | 1.00   | 0.326    | 92.310         |



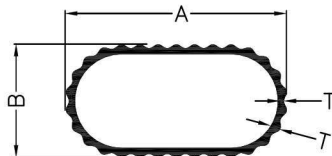
| SECTION | A (mm) | B (mm) | T (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|--------|----------|----------------|
| 55212   | 36.51  | 36.51  | 0.80   | 0.266    | 243.041        |



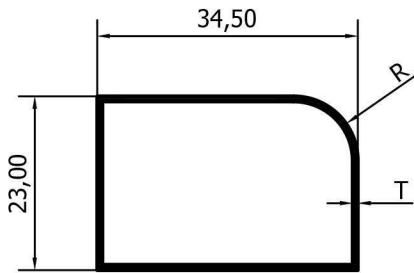
| SECTION | Ø (mm) | T (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|----------|----------------|
| 55043   | 25.00  | 0.95   | 0.210    | 84.280         |
| 55044   | 25.00  | 1.00   | 0.220    | 84.280         |



| SECTION | Ø (mm) | Ø1 (mm) | W (Kg/m) | Perimeter (mm) |
|---------|--------|---------|----------|----------------|
| 55222   | 25.00  | 7.00    | 1.030    | 116.912        |

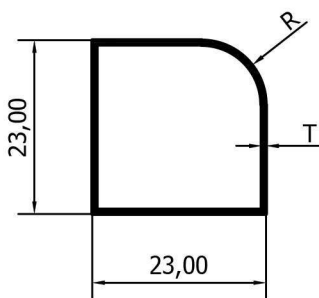


| SECTION | A (mm) | B (mm) | T (mm)    | W (Kg/m) | Perimeter (mm) |
|---------|--------|--------|-----------|----------|----------------|
| 55050   | 29.70  | 15.10  | 0.80/1.30 | 0.205    | 150.637        |



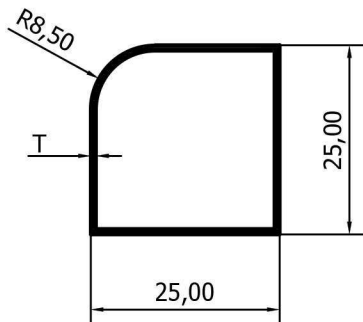
### 60010

T = 0.70 mm  
R = 8.50 mm  
W = 0.206 Kg/m  
P = 217.404 mm



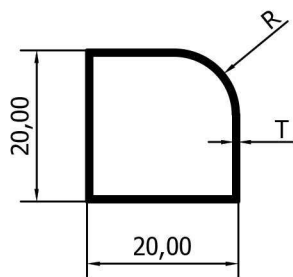
### 60021

T = 0.70 mm  
R = 8.50 mm  
W = 0.163 Kg/m  
P = 171.404 mm



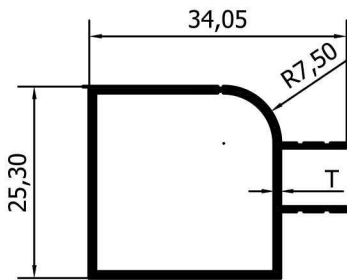
### 60023

T = 0.70 mm  
W = 0.178 Kg/m  
P = 187.404 mm



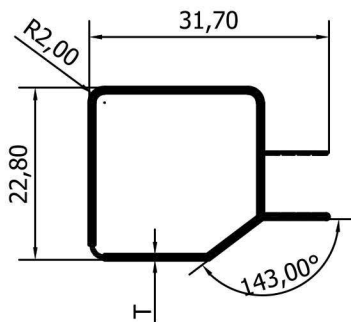
### 60031

T = 0.70 mm  
R = 8.50 mm  
W = 0.140 Kg/m  
P = 147.404 mm



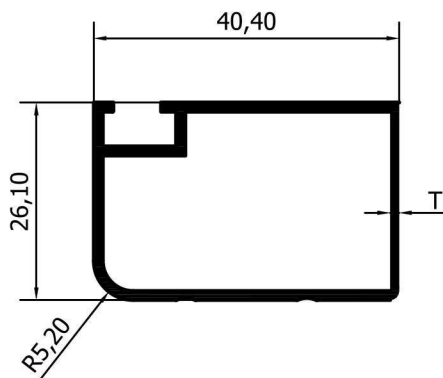
**60025**

T = 0.80 mm  
W = 0.232 Kg/m  
P = 226.905 mm



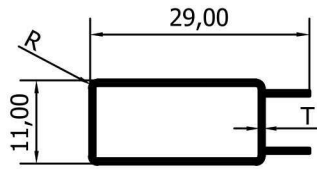
**60027**

T = 0.70 mm  
W = 0.190 Kg/m  
P = 201.873 mm



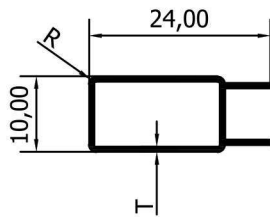
**60035**

T = 1.20 mm  
W = 0.437 Kg/m  
P = 270.475 mm



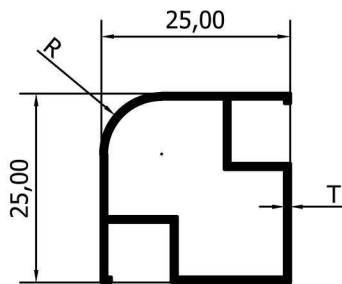
## 60041

T = 0.70 mm  
 R = 1.00 mm  
 W = 0.144 Kg/m  
 P = 151.567 mm



## 60081

T = 0.70 mm  
 R = 1.00 mm  
 W = 0.122 Kg/m  
 P = 128.178 mm

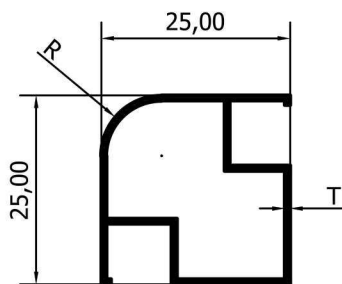


## 60050

T = 0.70 mm  
 R = 8.00 mm  
 W = 0.210 Kg/m  
 P = 222.233 mm

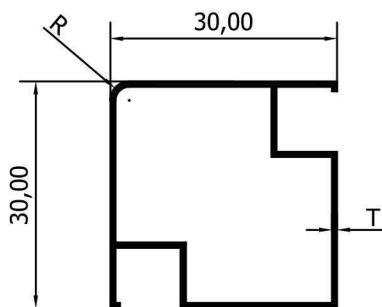
## 60060

T = 0.70 mm  
 R = 2.50 mm  
 W = 0.215 Kg/m  
 P = 226.954 mm



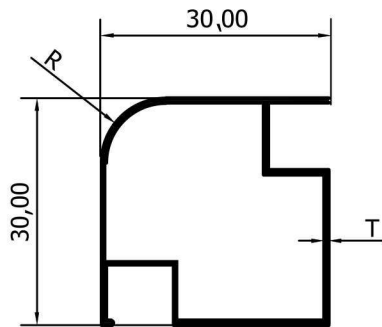
## 60051

T = 0.70 mm  
 R = 2.50 mm  
 W = 0.216 Kg/m  
 P = 227.154 mm



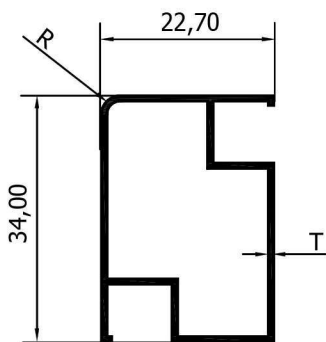
## 60070

T = 0.70 mm  
 R = 2.50 mm  
 W = 0.253 Kg/m  
 P = 266.954 mm



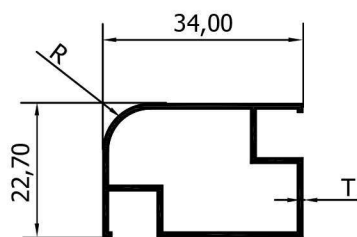
**60072**

T = 0.70 mm  
R = 8.50 mm  
W = 0.249 Kg/m  
P = 262.089 mm



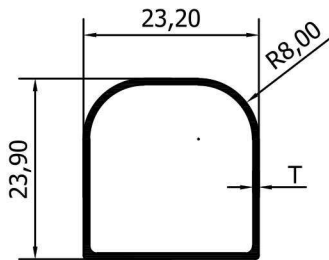
**60090**

T = 0.70 mm  
R = 2.50 mm  
W = 0.241 Kg/m  
P = 146.750 mm



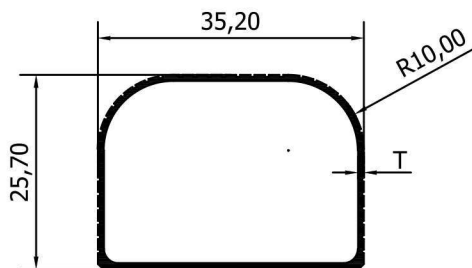
**60100**

T = 0.70 mm  
R = 8.00 mm  
W = 0.236 Kg/m  
P = 144.370 mm



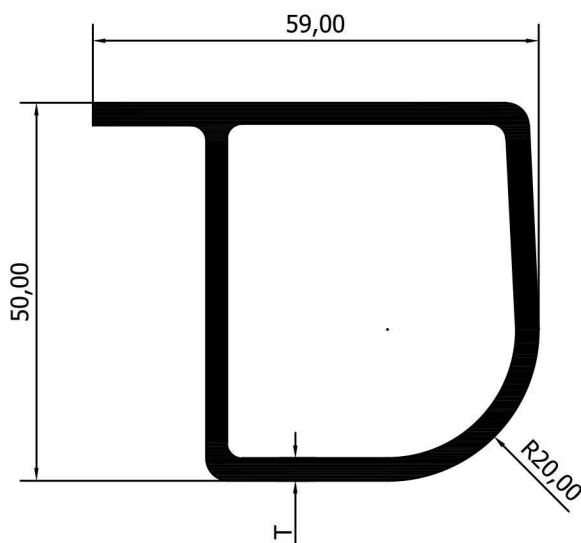
**60140**

T = 0.80 mm  
W = 0.184 Kg/m  
P = 167.665 mm



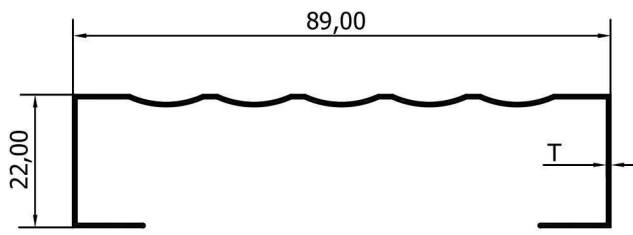
**60141**

T = 0.80 mm  
W = 0.228 Kg/m  
P = 237.268 mm



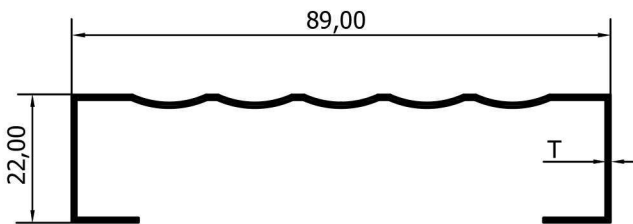
**60142**

T = 3.00 mm  
W = 1.436 Kg/m  
P = 358.375 mm



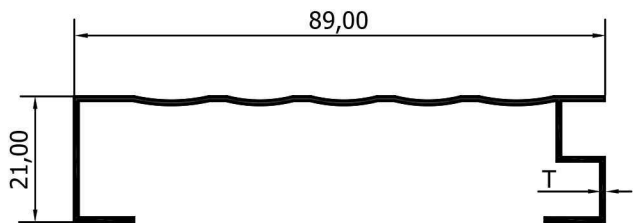
**60320**

T = 0.70 mm  
W = 0.296 Kg/m  
P = 312.874 mm



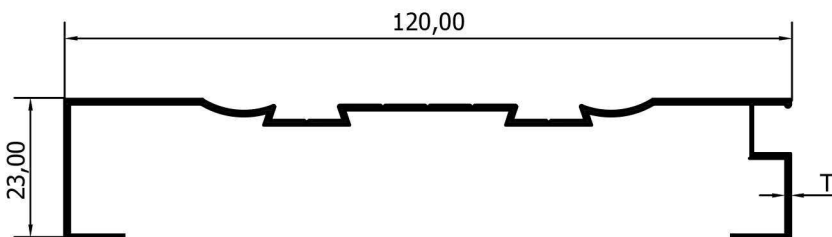
**60330**

T = 0.70 mm  
W = 0.288 Kg/m  
P = 305.430 mm



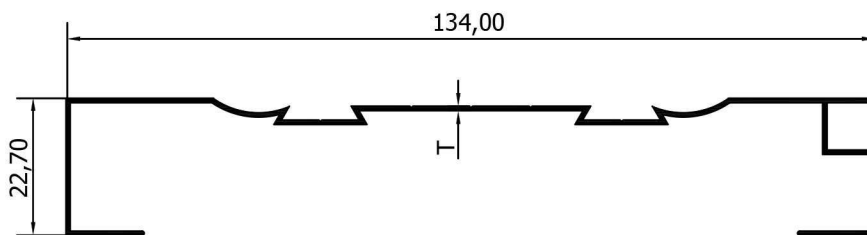
**60331**

T = 0.70 mm  
W = 0.296 Kg/m  
P = 313.510 mm



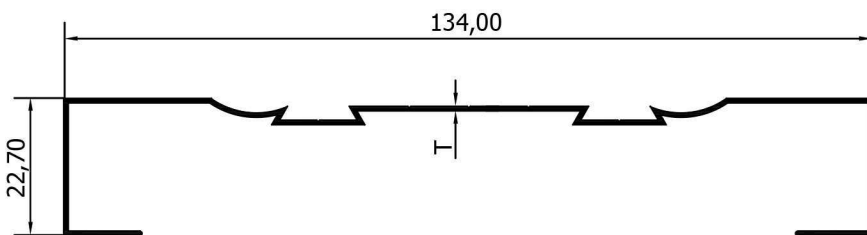
**60410**

T = 0.80 mm  
W = 0.439 Kg/m  
P = 408.760 mm



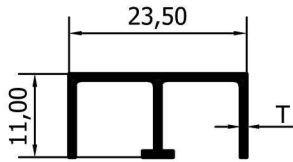
**60420**

T = 0.75 mm  
W = 0.458 Kg/m  
P = 454.360 mm

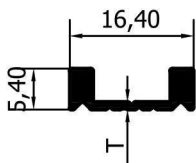


**60421**

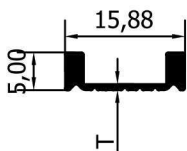
T = 0.75 mm  
W = 0.442 Kg/m  
P = 438.482 mm

**60510**

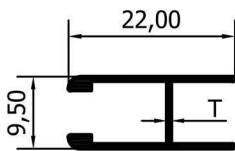
T = 0.80 mm  
W = 0.126 Kg/m  
P = 114.912 mm

**60520**

T = 1.00 mm  
W = 0.109 Kg/m  
P = 54.251 mm

**60530**

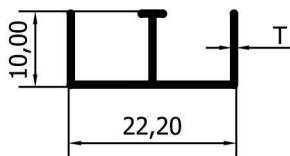
T = 0.80 mm  
W = 0.085 Kg/m  
P = 51.594 mm

**60541**

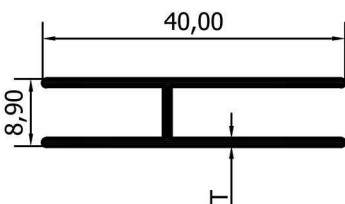
T = 0.70 mm  
W = 0.113 Kg/m  
P = 107.876 mm

**60542**

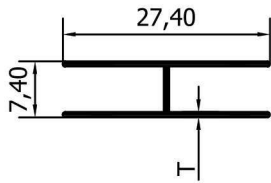
T = 0.80 mm  
W = 0.126 Kg/m  
P = 107.220 mm

**60551**

T = 0.70 mm  
W = 0.096 Kg/m  
P = 105.680 mm

**60560**

T = 1.00 mm  
W = 0.234 Kg/m  
P = 174.083 mm

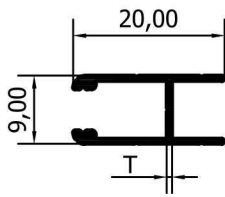


**60571**

T = 0.70 mm  
W = 0.115 Kg/m  
P = 121.842 mm

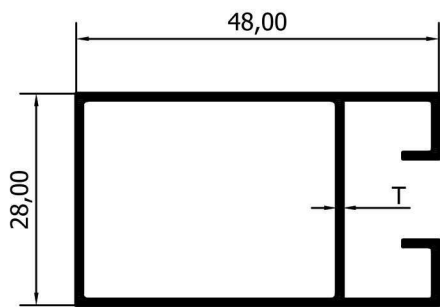
**60572**

T = 0.80 mm  
W = 0.131 Kg/m  
P = 121.627 mm



**60591**

T = 0.70 mm  
W = 0.103 Kg/m  
P = 99.408 mm

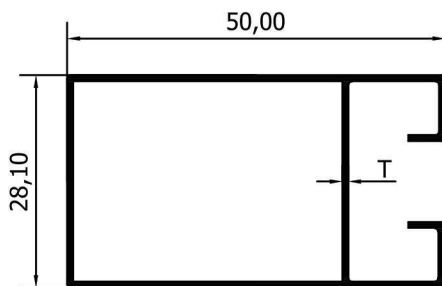


**60620**

T = 0.80 mm

W = 0.375 Kg/m

P = 342.454 mm

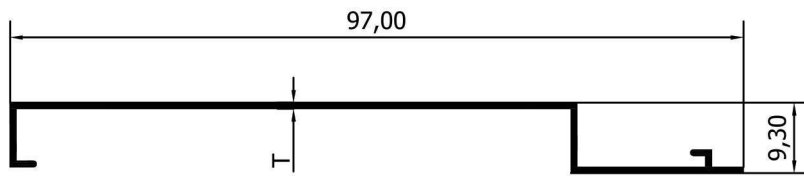


**60630**

T = 0.80 mm

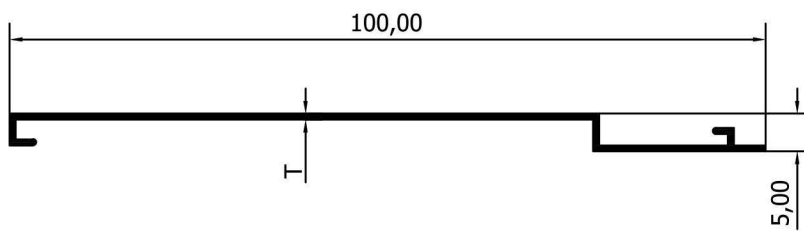
W = 0.384 Kg/m

P = 351.225 mm



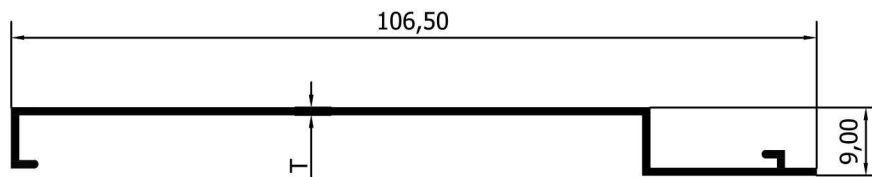
**62020**

T = 0.80 mm  
W = 0.260 Kg/m  
P = 241.313 mm



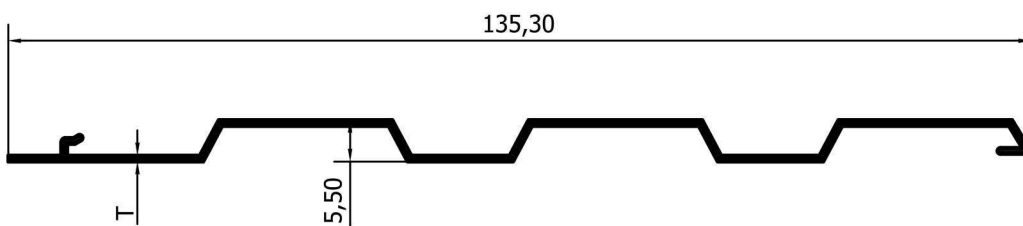
**62021**

T = 0.80 mm  
W = 0.248 Kg/m  
P = 230.113 mm



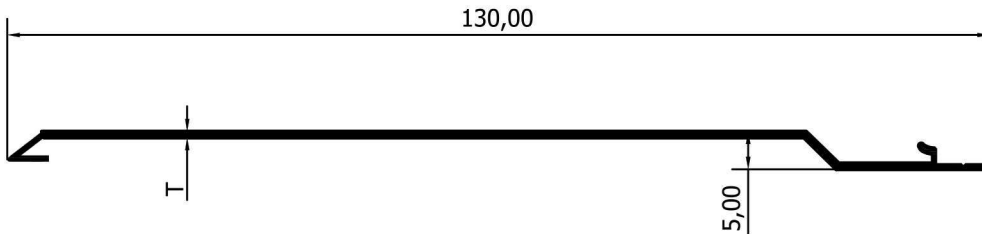
**62030**

T = 1.00 mm  
W = 0.350 Kg/m  
P = 257.781 mm



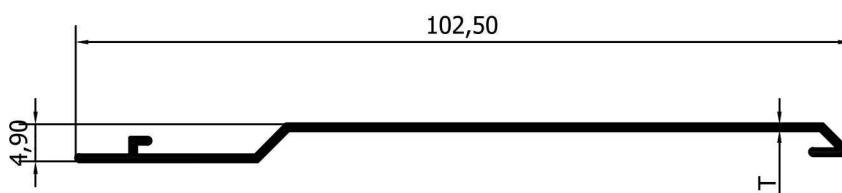
**62040**

T = 0.80 mm  
W = 0.345 Kg/m  
P = 319.174 mm



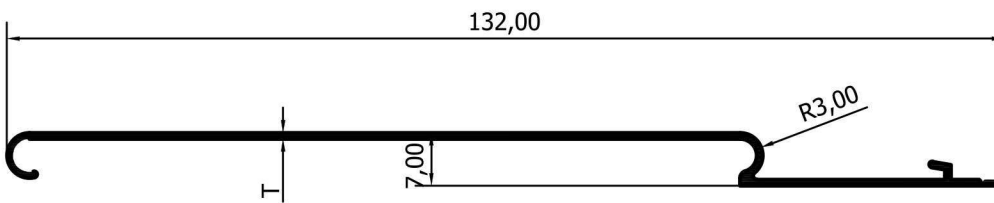
**62050**

T = 0.80 mm  
W = 0.305 Kg/m  
P = 282.234 mm



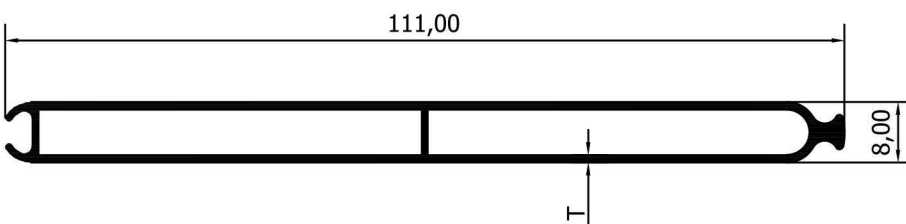
**62051**

T = 0.80 mm  
W = 0.246 Kg/m  
P = 227.993 mm



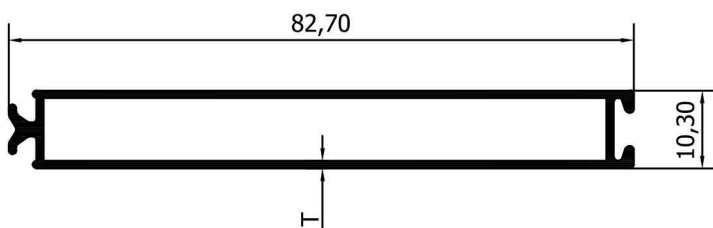
**62060**

T = 0.80 mm  
W = 0.327 Kg/m  
P = 300.562 mm



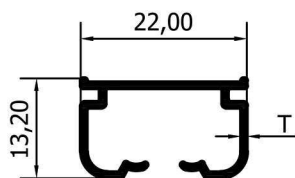
**84903**

T = 1.00 mm  
W = 0.659 Kg/m  
P = 466.845 mm



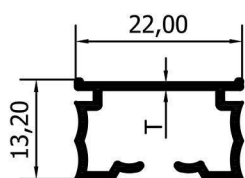
**98108**

T = 1.00 mm  
W = 0.520 Kg/m  
P = 369.977 mm



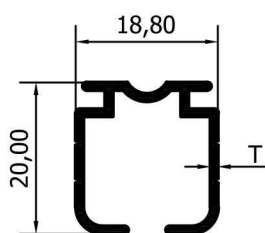
### 63010

T = 0.80 mm  
W = 0.144 Kg/m  
P = 131.721 mm



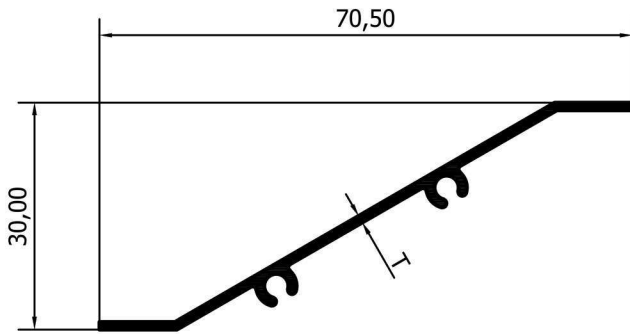
### 63020

T = 0.80 mm  
W = 0.150 Kg/m  
P = 136.572 mm



### 63030

T = 1.00 mm  
W = 0.195 Kg/m  
P = 147.281 mm

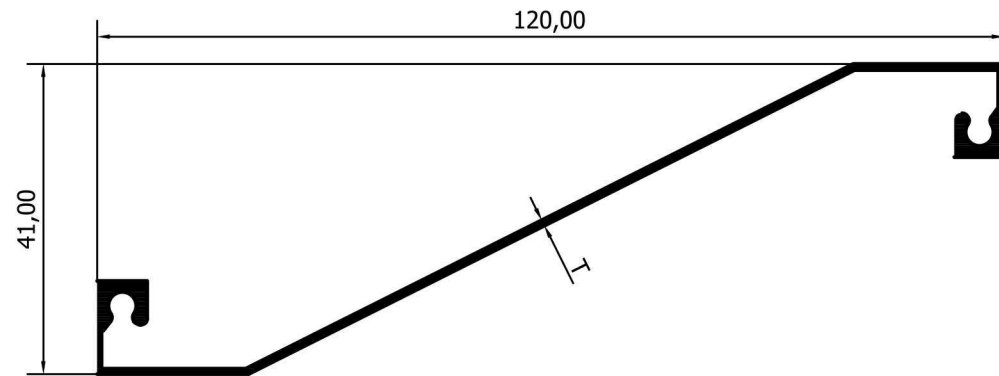


**64001**

T = 1.00 mm  
W = 0.261 Kg/m  
P = 184.520 mm

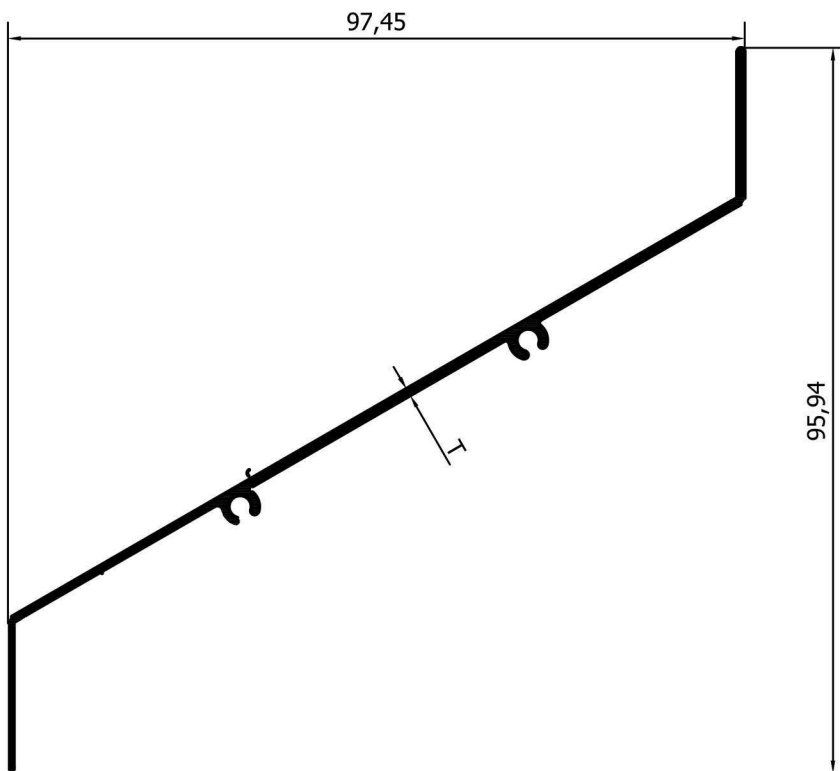
**64002**

T = 0.90 mm  
W = 0.237 Kg/m  
P = 184.387 mm



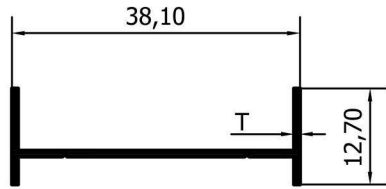
**64003**

T = 0.80 mm  
W = 0.439 Kg/m  
P = 343.369 mm



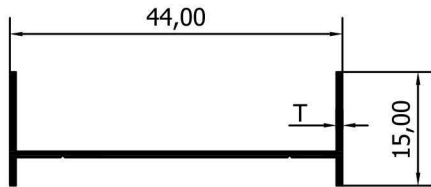
**64006**

T = 1.00 mm  
W = 0.452 Kg/m  
P = 328.513 mm



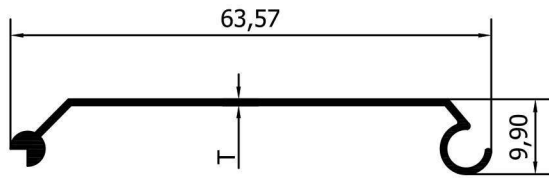
**64004**

T = 0.80 mm  
W = 0.133 Kg/m  
P = 125.897 mm



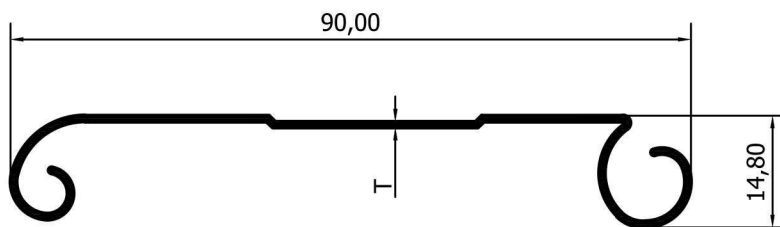
**64005**

T = 0.80 mm  
W = 0.155 Kg/m  
P = 146.897 mm



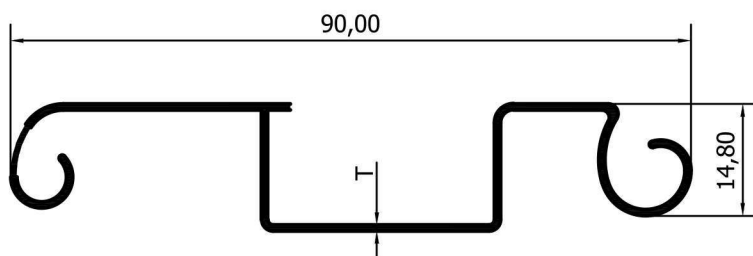
**65011**

T = 0.80 mm  
W = 0.209 Kg/m  
P = 162.041 mm



**65030**

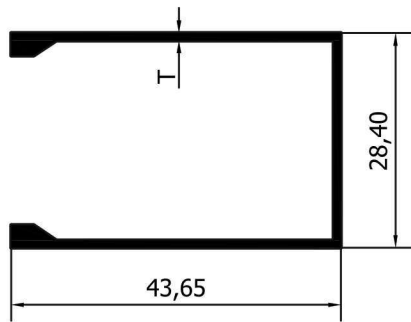
T = 0.80 mm  
W = 0.297 Kg/m  
P = 275.155 mm



**65031**

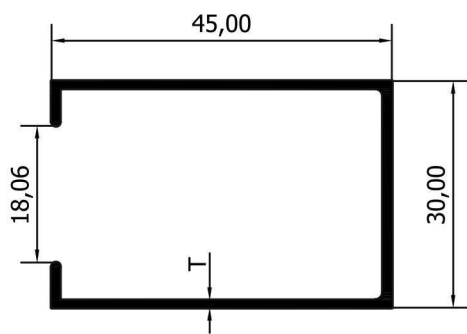
T = 0.80 mm  
W = 0.358 Kg/m  
P = 333.621 mm

# ROLLING DOORS



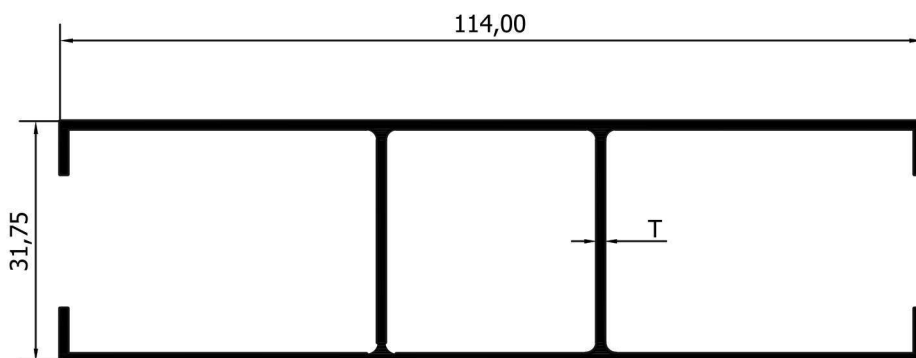
**65290**

T = 1.00 mm  
W = 0.357 Kg/m  
P = 234.611 mm



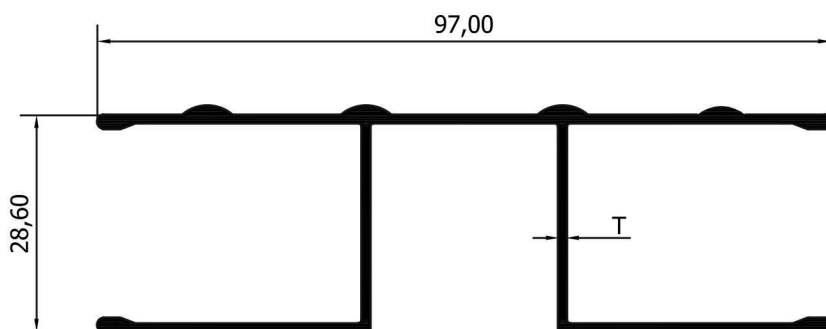
**65033**

T = 1.00 mm  
W = 0.365 Kg/m  
P = 225.797 mm



**65034**

T = 1.00 mm  
W = 0.854 Kg/m  
P = 617.850 mm

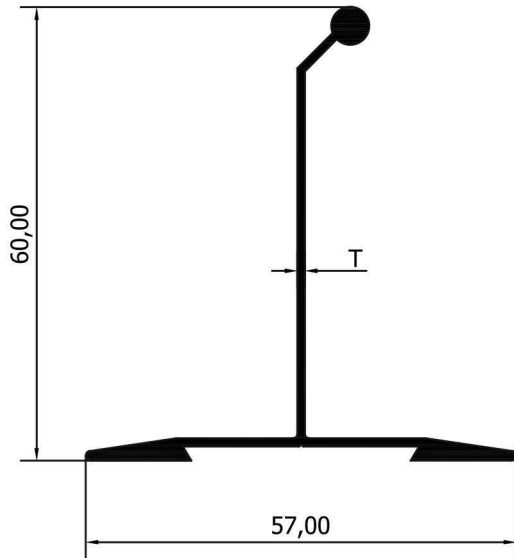


**65280**

T = 1.00 mm  
W = 0.690 Kg/m  
P = 448.000 mm

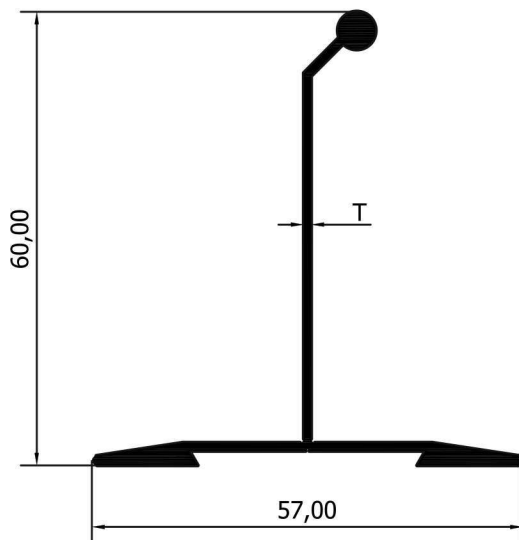
40

GROUP 65XXX



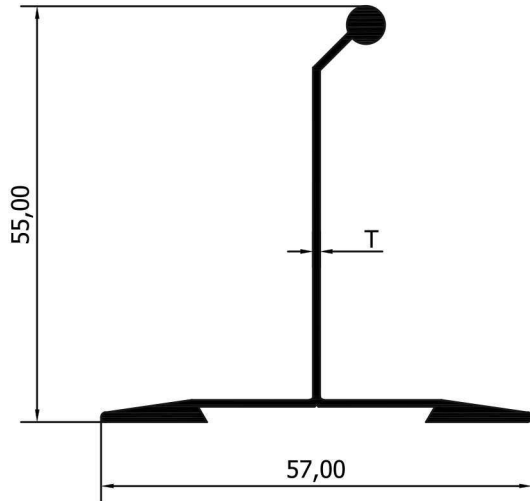
**65200**

T = 1.00 mm  
W = 0.452 Kg/m  
P = 245.783 mm



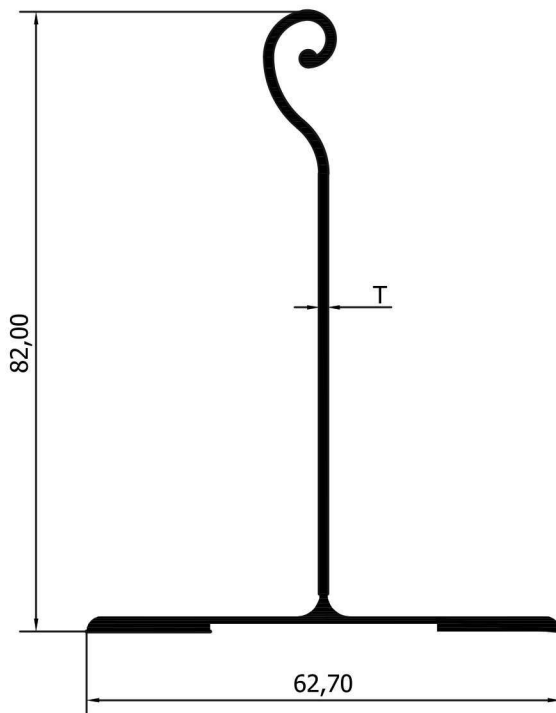
**65201**

T = 1.10 mm  
W = 0.477 Kg/m  
P = 244.487 mm



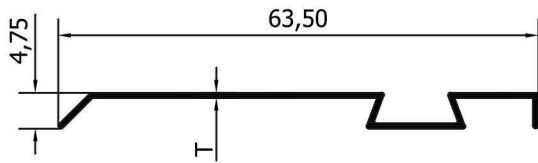
**65202**

T = 0.90 mm  
W = 0.406 Kg/m  
P = 236.572 mm



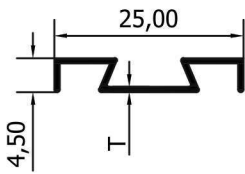
**65032**

T = 1.00 mm  
W = 0.525 Kg/m  
P = 318.228 mm



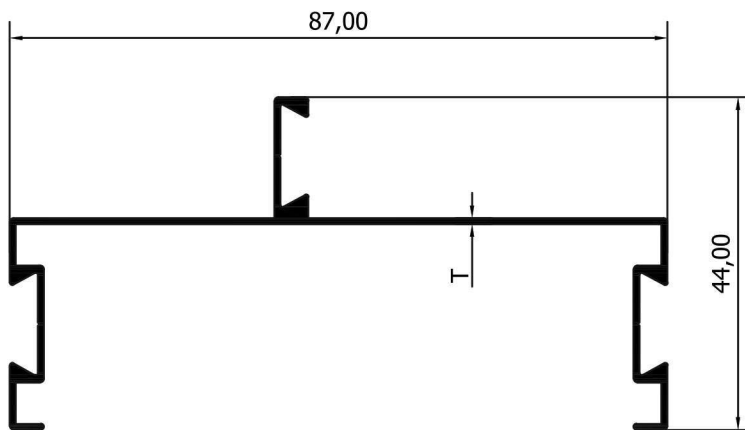
**66001**

T = 0.70 mm  
W = 0.153 Kg/m  
P = 160.892 mm



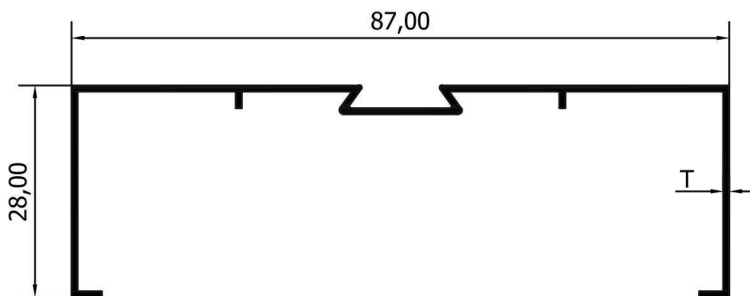
**66002**

T = 0.70 mm  
W = 0.083 Kg/m  
P = 87.036 mm



**66003**

T = 0.80 mm  
W = 0.486 Kg/m  
P = 376.319 mm

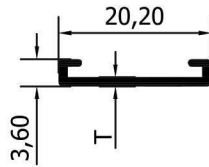


**66004**

T = 0.80 mm  
W = 0.354 Kg/m  
P = 325.740 mm

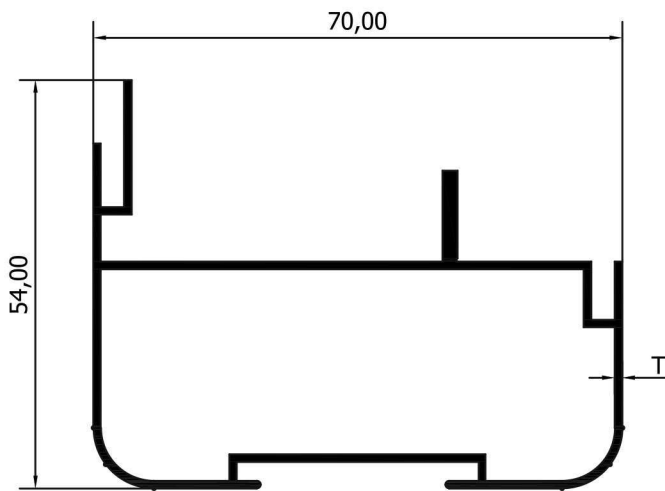
**66005**

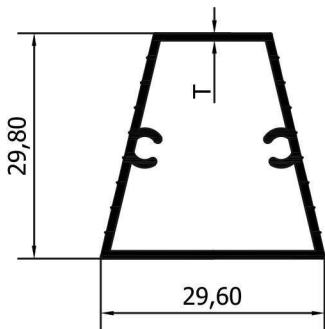
T = 1.20 mm  
W = 0.090 Kg/m  
P = 58.283 mm



**66006**

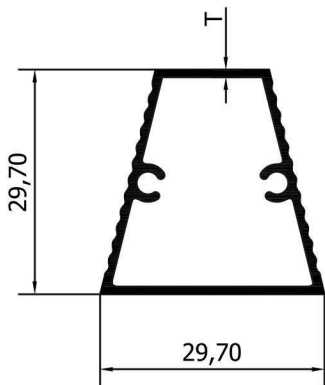
T = 1.00 mm  
W = 0.738 Kg/m  
P = 521.775 mm





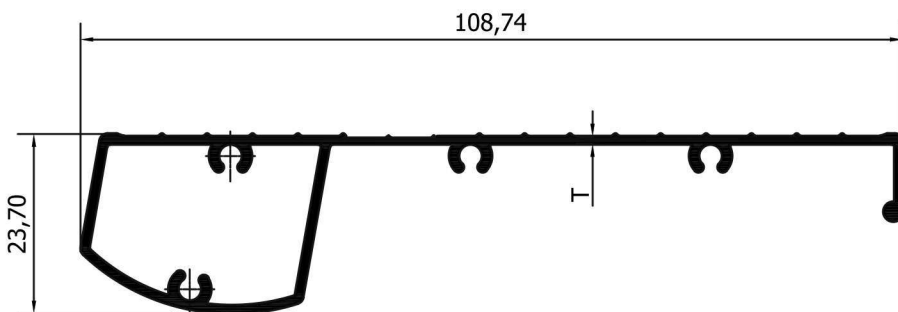
**68020**

T = 1.00 mm  
W = 0.316 Kg/m  
P = 232.446 mm



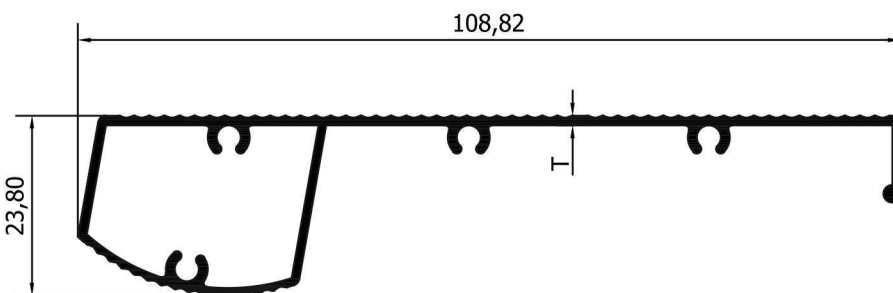
**68203**

T = 1.00 mm  
W = 0.312 Kg/m  
P = 229.012 mm



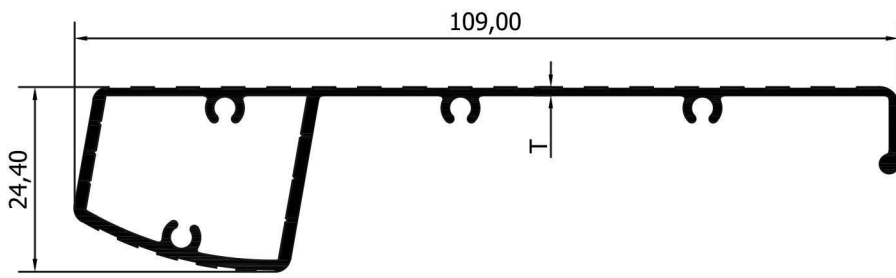
**68030**

T = 1.00 mm  
W = 0.614 Kg/m  
P = 420.618 mm



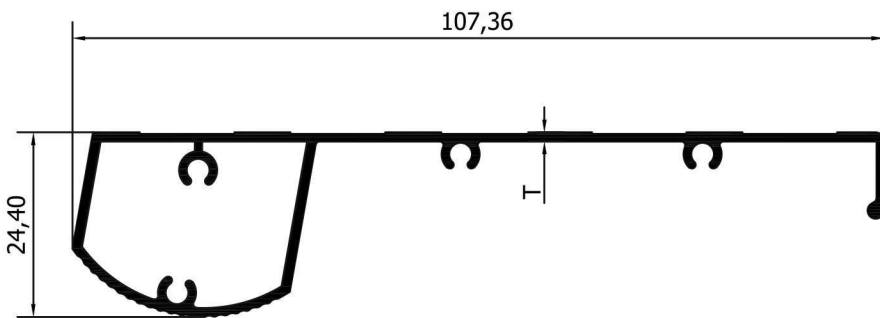
**68200**

T = 1.30 mm  
W = 0.646 Kg/m  
P = 423.743 mm



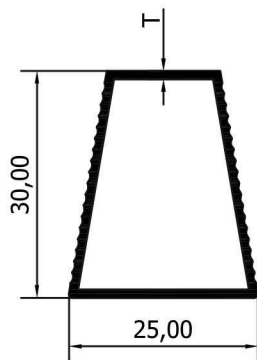
**68207**

T = 1.10 mm  
W = 0.671 Kg/m  
P = 425.341 mm



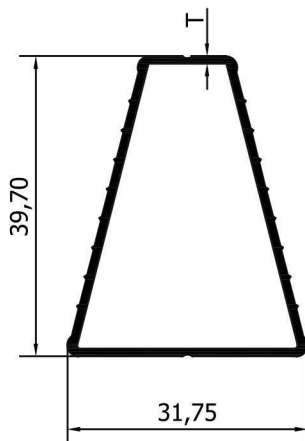
**68300**

T = 1.20 mm  
W = 0.641 Kg/m  
P = 423.015 mm



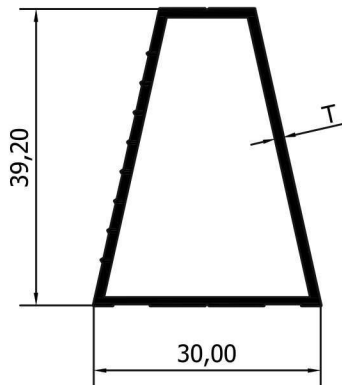
**68201**

T = 1.10 mm  
W = 0.271 Kg/m  
P = 194.868 mm



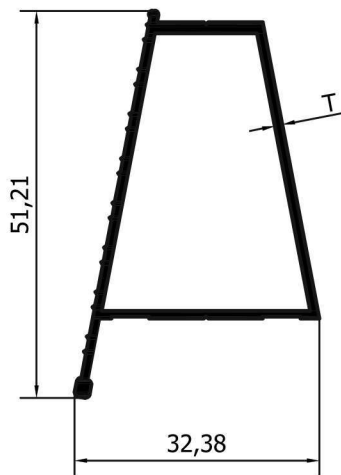
**68050**

T = 1.00 mm  
W = 0.334 Kg/m  
P = 245.297 mm



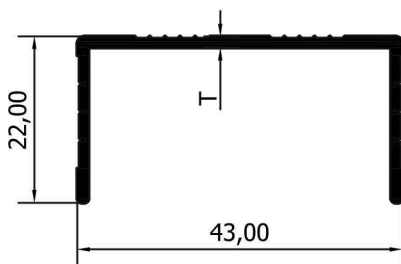
**68205**

T = 1.00 mm  
W = 0.316 Kg/m  
P = 240.947 mm



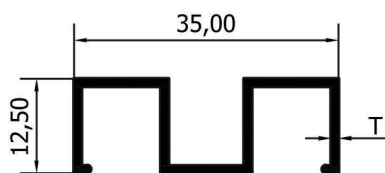
**68204**

T = 1.00 mm  
W = 0.398 Kg/m  
P = 271.429 mm



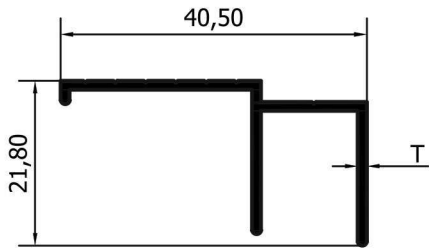
**68206**

T = 1.50 mm  
W = 0.300 Kg/m  
P = 174.460 mm



**68040**

T = 1.00 mm  
W = 0.225 Kg/m  
P = 167.942 mm

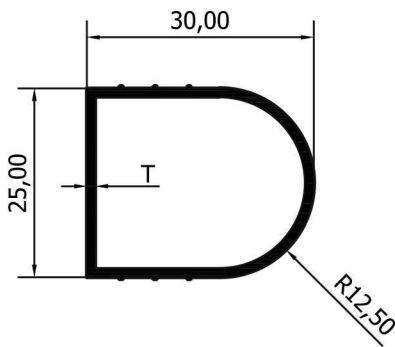


**68060**

T = 1.00 mm  
W = 0.214 Kg/m  
P = 161.960 mm

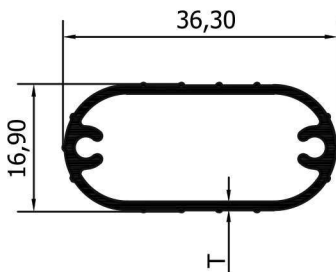
**68061**

T = 1.20 mm  
W = 0.256 Kg/m  
P = 160.980 mm



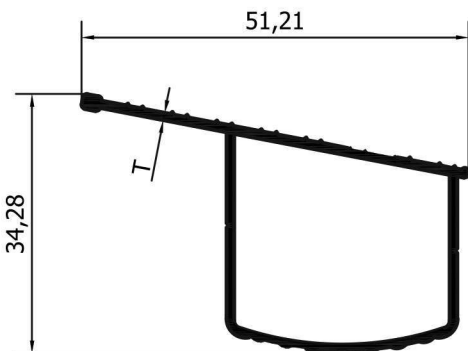
**68160**

T = 1.10 mm  
W = 0.314 Kg/m  
P = 192.046 mm



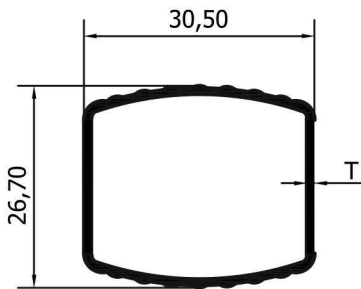
**68170**

T = 0.90 mm  
W = 0.274 Kg/m  
P = 198.521 mm



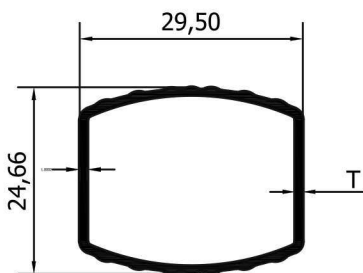
**68209**

T = 1.00 mm  
W = 0.350 Kg/m  
P = 261.884 mm



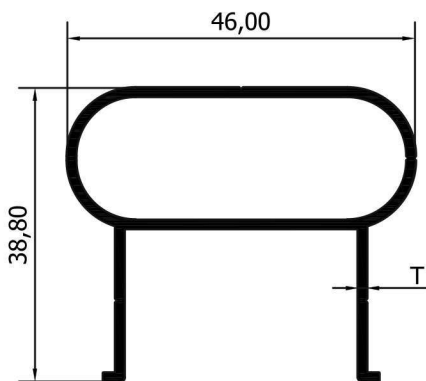
**68302**

T = 1.00 mm  
W = 0.257 Kg/m  
P = 200.930 mm



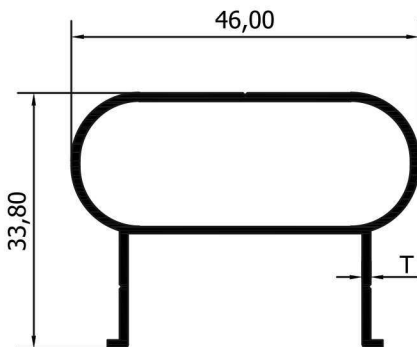
**68312**

T = 1.00 mm  
W = 0.244 Kg/m  
P = 188.376 mm



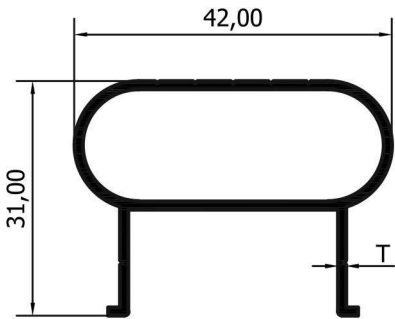
**68202**

T = 1.10 mm  
W = 0.460 Kg/m  
P = 308.795 mm



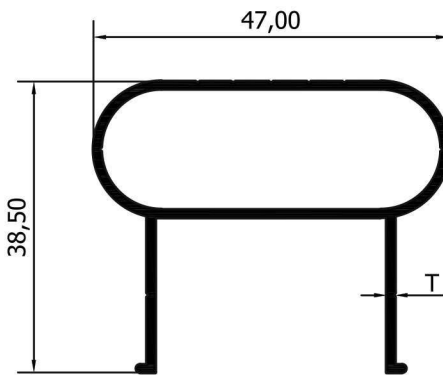
**68304**

T = 1.10 mm  
W = 0.406 Kg/m  
P = 289.195 mm



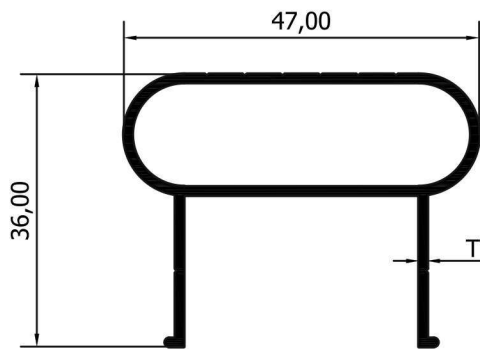
**68305**

T = 1.10 mm  
W = 0.390 Kg/m  
P = 264.264 mm



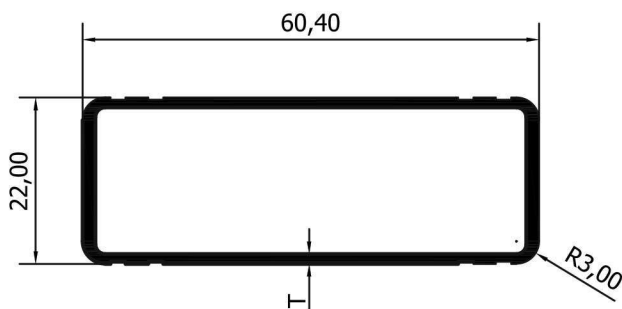
**68311**

T = 1.10 mm  
W = 0.430 Kg/m  
P = 312.411 mm



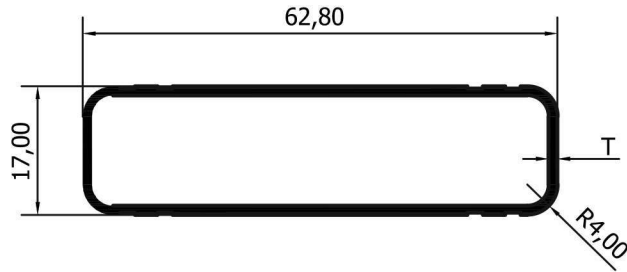
**68301**

T = 1.10 mm  
W = 0.449 Kg/m  
P = 304.422 mm



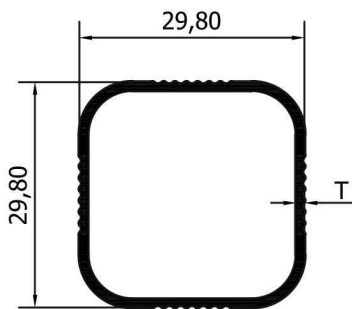
**68307**

T = 1.30 mm  
W = 0.574 Kg/m  
P = 315.018 mm



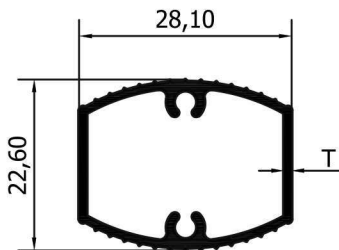
**68308**

T = 1.20 mm  
W = 0.478 Kg/m  
P = 302.726 mm



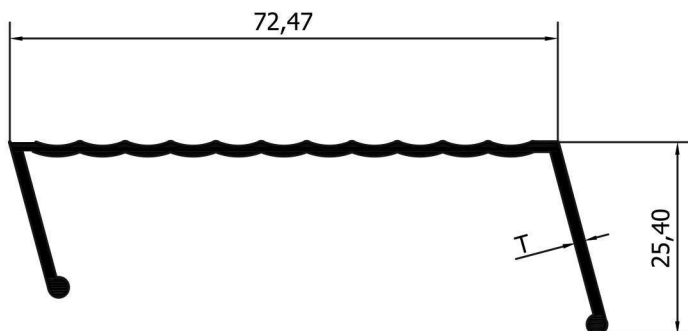
**68309**

T = 1.10 mm  
W = 0.290 Kg/m  
P = 211.691 mm



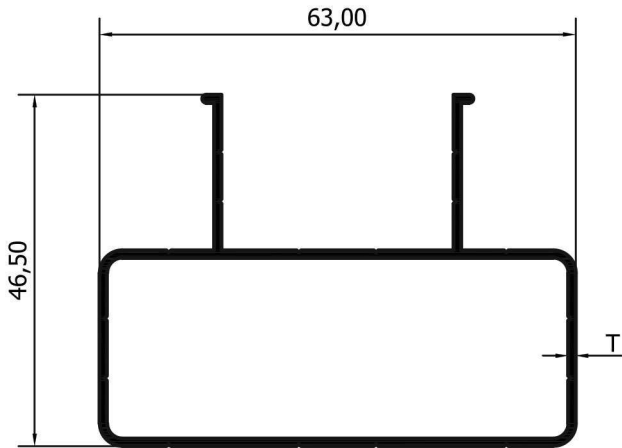
**68310**

T = 1.00 mm  
W = 0.262 Kg/m  
P = 200.418 mm



**68306**

T = 1.20 mm  
W = 0.399 Kg/m  
P = 242.470 mm

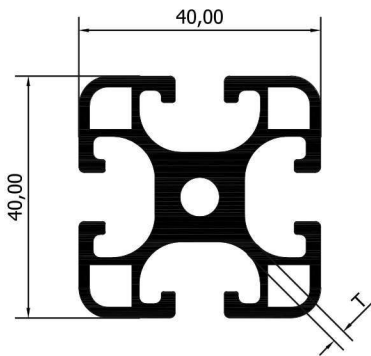


**68313**

T = 1.00 mm

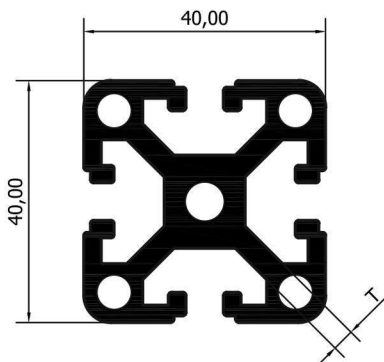
W = 0.575 Kg/m

P = 430.848 mm



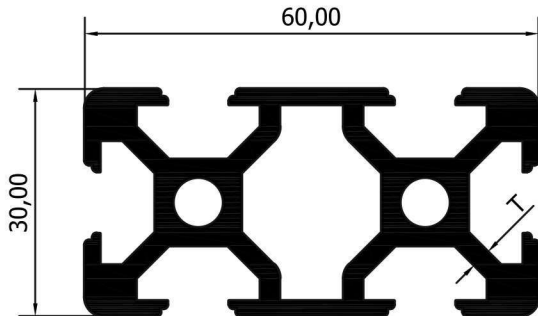
70010

T = 2.15 mm  
W = 1.589 Kg/m  
P = 468.811 mm



70014

T = 3.70 mm  
W = 1.972 Kg/m  
P = 465.700 mm

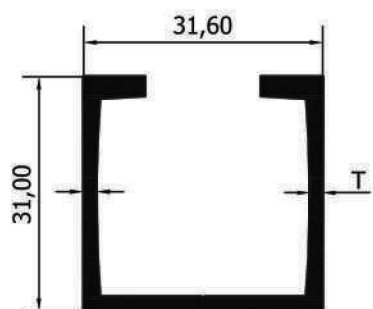


70015

T = 2.50 mm

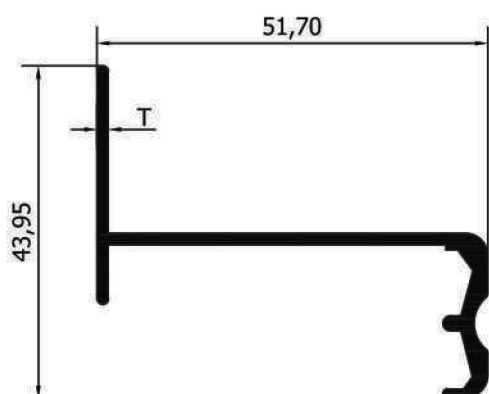
W = 1.764 Kg/m

P = 470.440 mm



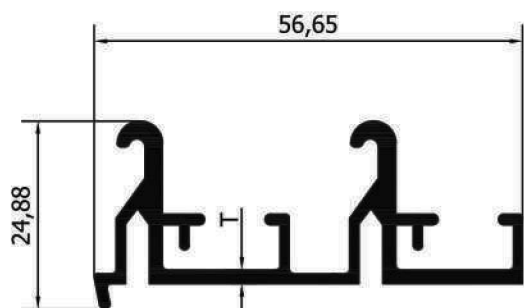
### 71013

T = 1.63 mm  
W = 0.536 Kg/m  
P = 206.857 mm



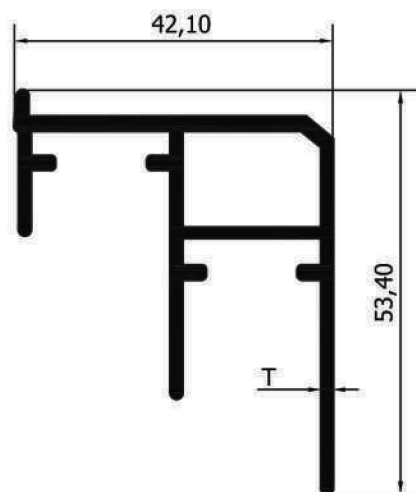
### 71014

T = 1.50 mm  
W = 0.479 Kg/m  
P = 213.922 mm



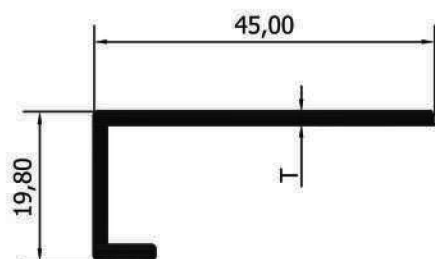
### 71015

T = 1.85 mm  
W = 0.729 Kg/m  
P = 311.276 mm



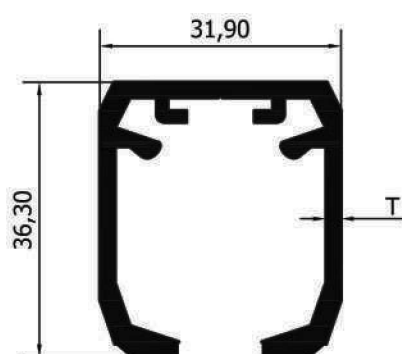
### 71016

T = 1.50 mm  
W = 0.733 Kg/m  
P = 340.811 mm



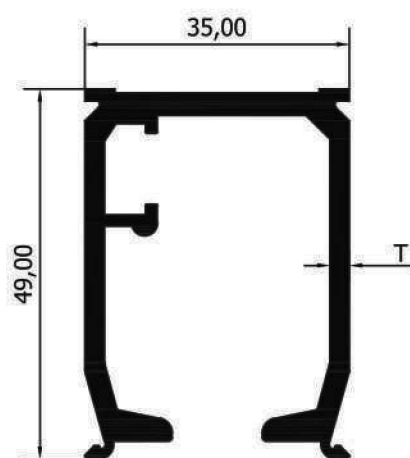
### 71017

T = 1.70 mm  
W = 0.319 Kg/m  
P = 140.848 mm



### 71018

T = 2.00 mm  
W = 0.784 Kg/m  
P = 265.393 mm



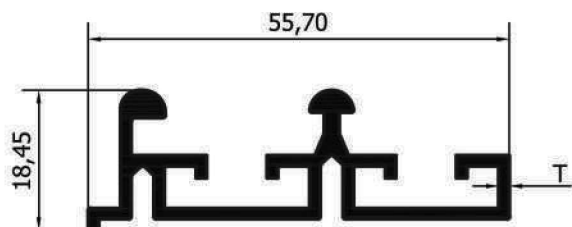
### 71019

T = 2.60 mm  
W = 1.135 Kg/m  
P = 314.477 mm



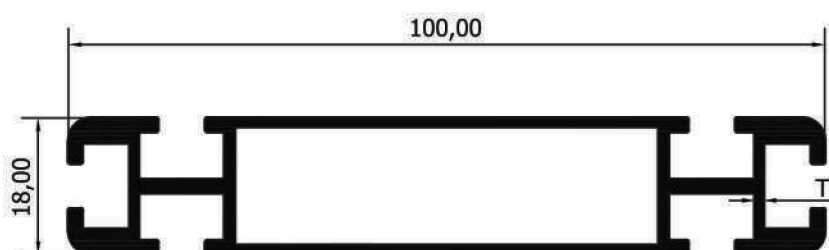
### 71020

W = 0.423 Kg/m  
P = 283.458 mm



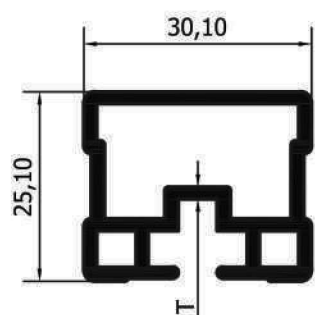
**71021**

T = 1.40 mm  
W = 0.599 Kg/m  
P = 286.936 mm



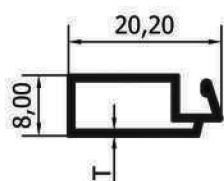
**71030**

T = 1.15 mm  
W = 1.12 Kg/m  
P = 531.989 mm



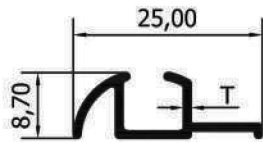
**71040**

T = 1.60 mm  
W = 0.642 Kg/m  
P = 277.619 mm



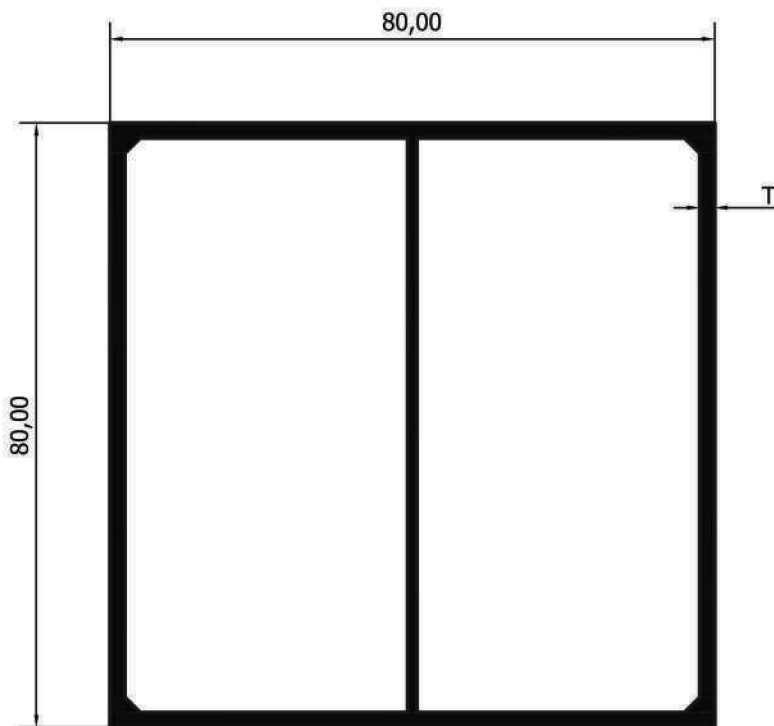
**71050**

T = 0.70 mm  
W = 0.108 Kg/m  
P = 111.134 mm



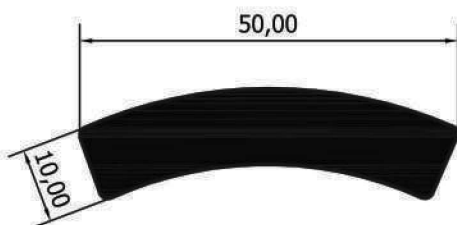
**71060**

T = 1.00 mm  
W = 0.129 Kg/m  
P = 94.183 mm



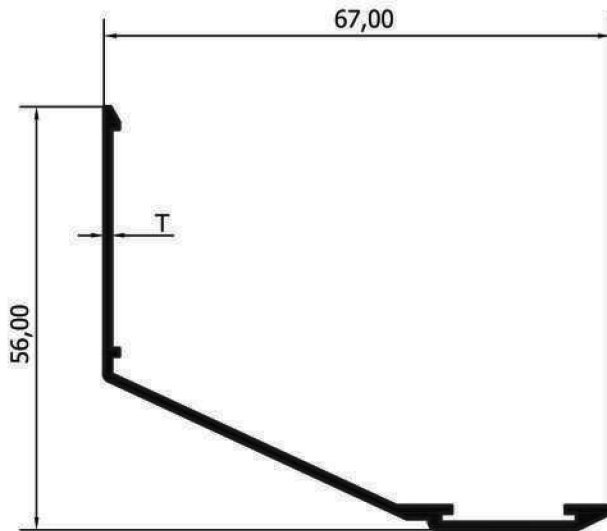
**71100**

T = 2.00 mm  
W = 1.960 Kg/m  
P = 768.914 mm



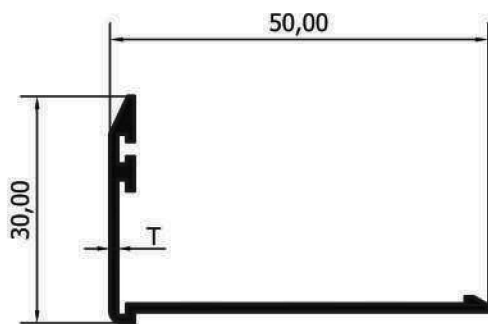
**71101**

T = 10.00 mm  
W = 1.311 Kg/m  
P = 115.168 mm



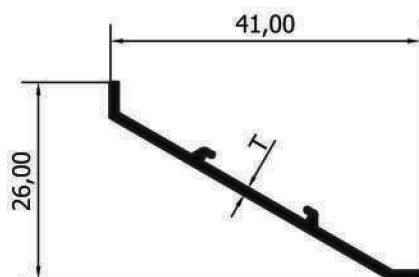
**75001**

T = 1.00 mm  
W = 0.329 Kg/m  
P = 229.263 mm



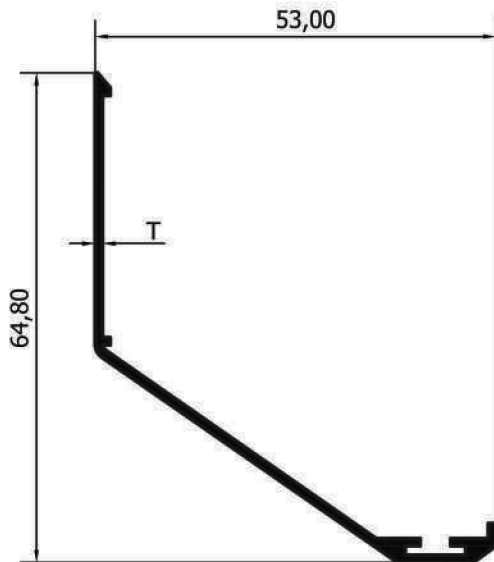
**75002**

T = 1.00 mm  
W = 0.257 Kg/m  
P = 177.496 mm



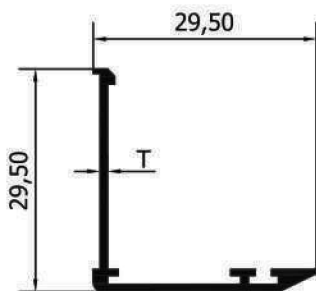
**75003**

T = 1.00 mm  
W = 0.147 Kg/m  
P = 111.774 mm



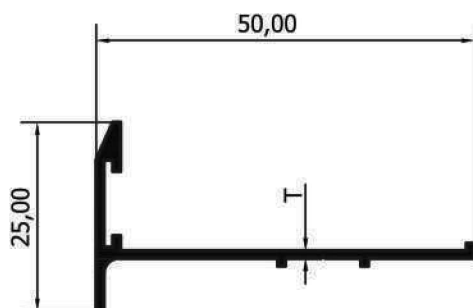
**75004**

T = 1.00 mm  
W = 0.316 Kg/m  
P = 216.759 mm



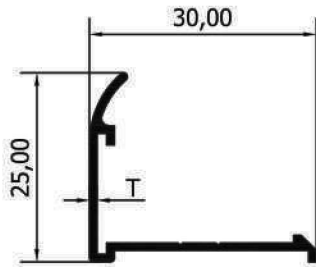
**75005**

T = 1.00 mm  
W = 0.192 Kg/m  
P = 135.541 mm



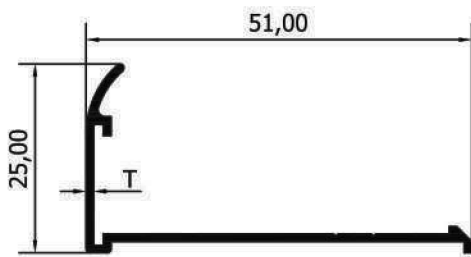
**75006**

T = 1.00 mm  
W = 0.237 Kg/m  
P = 164.053 mm



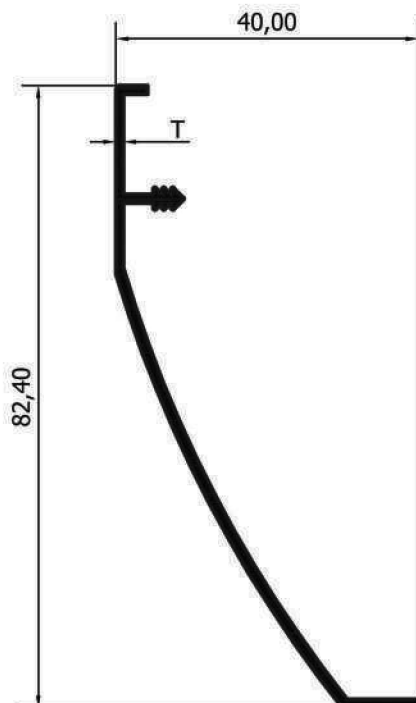
**75007**

T = 1.00 mm  
W = 0.170 Kg/m  
P = 125.400 mm



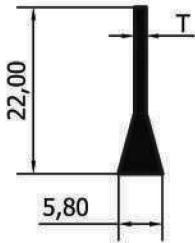
**75008**

T = 1.00 mm  
W = 0.226 Kg/m  
P = 167.400 mm

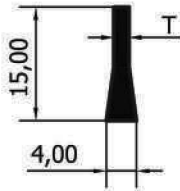


**75009**

T = 1.00 mm  
W = 0.355 Kg/m  
P = 229.215 mm

**75010**

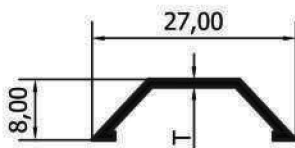
T = 1.50 mm  
W = 0.136 Kg/m  
P = 51.868 mm

**75011**

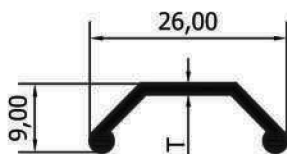
T = 2.00 mm  
W = 0.100 Kg/m  
P = 36.142 mm

**75012**

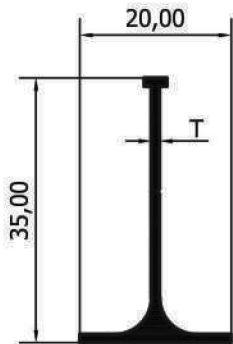
T = 3.40 mm  
W = 0.082 Kg/m  
P = 42.972 mm

**75013**

T = 1.00 mm  
W = 0.093 Kg/m  
P = 70.898 mm

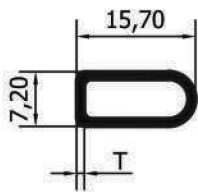
**75014**

T = 1.30 mm  
W = 0.134 Kg/m  
P = 70.505 mm



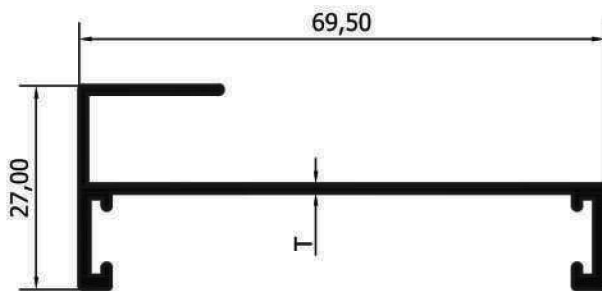
### 75015

T = 1.10 mm  
W = 0.193 Kg/m  
P = 109.928 mm



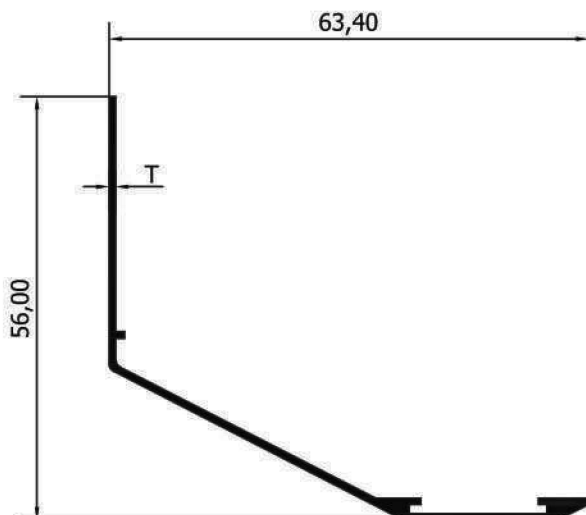
### 75016

T = 1.00 mm  
W = 0.106 Kg/m  
P = 76.561 mm



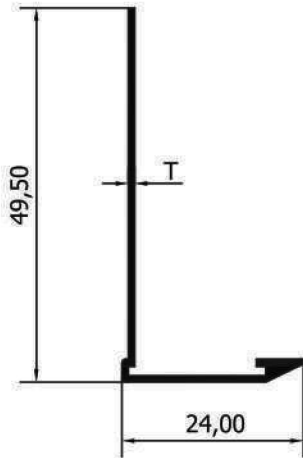
### 75017

T = 1.20 mm  
W = 0.471 Kg/m  
P = 274.795 mm



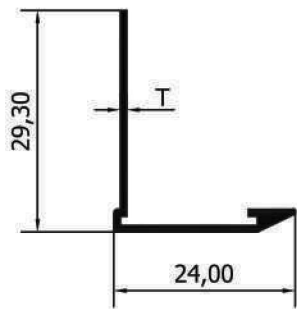
### 75018

T = 0.85 mm  
W = 0.279 Kg/m  
P = 219.804 mm



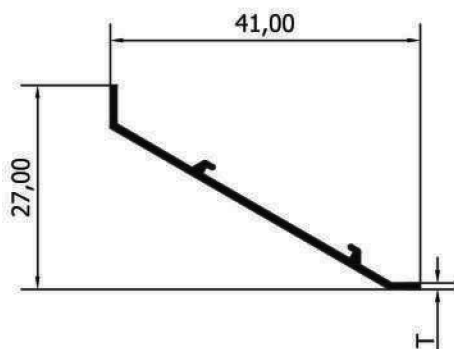
**75019**

T = 0.85 mm  
W = 0.186 Kg/m  
P = 153.052 mm



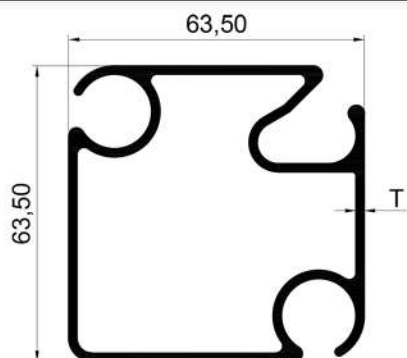
**75020**

T = 0.85 mm  
W = 0.138 Kg/m  
P = 112.553 mm



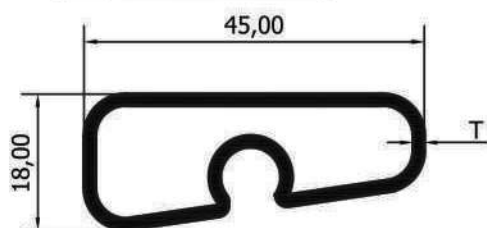
**75021**

T = 0.85 mm  
W = 0.130 Kg/m  
P = 113.729 mm



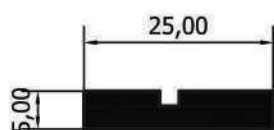
### 76100

T = 1.80mm  
W = 1.637 Kg/m  
P = 612.165 mm



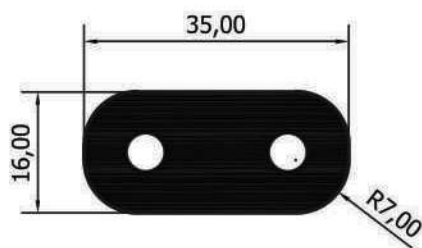
### 78014

T = 1.50 mm  
W = 0.494 Kg/m  
P = 243.381 mm



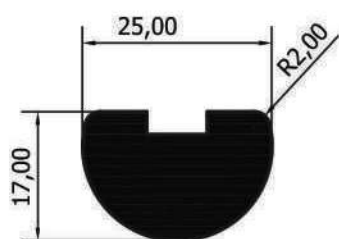
### 78069

T = 5.00 mm  
W = 0.322 Kg/m  
P = 64.000 mm



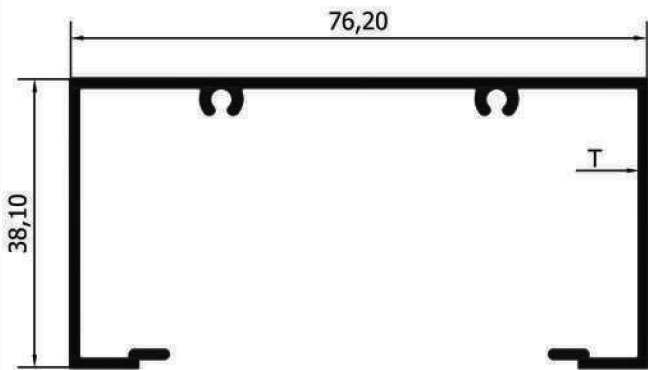
### 78116

T = 16.00 mm  
W = 1.288 Kg/m  
P = 122.655 mm



### 78126

T = 17.00 mm  
W = 0.896 Kg/m  
P = 76.988 mm



**80010**

T = 1.00 mm

W = 0.529 Kg/m

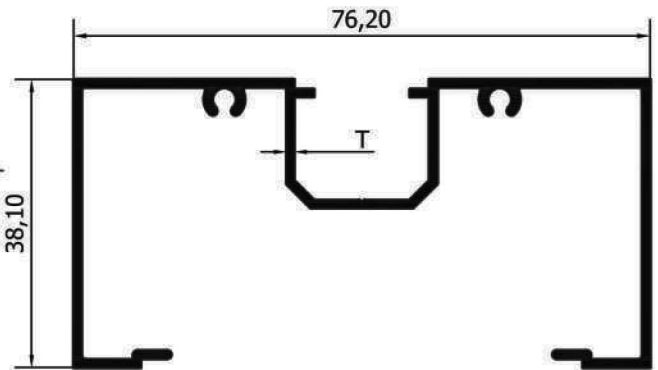
P = 378.479 mm

**85010**

T = 0.90 mm

W = 0.478 Kg/m

P = 380.288 mm



**80020**

T = 1.00 mm

W = 0.621 Kg/m

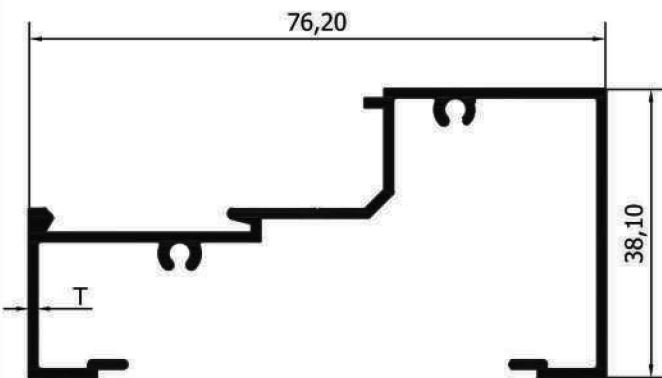
P = 446.839 mm

**85020**

T = 0.90 mm

W = 0.560 Kg/m

P = 448.280 mm



**80030**

T = 1.00 mm

W = 0.565 Kg/m

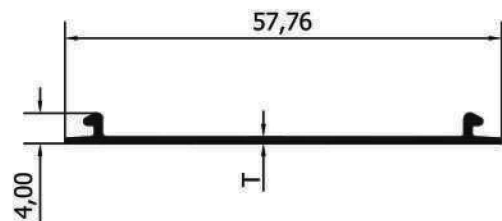
P = 393.530 mm

**85030**

T = 0.90 mm

W = 0.512 Kg/m

P = 393.961 mm



**80040**

T = 1.00 mm

W = 0.181 Kg/m

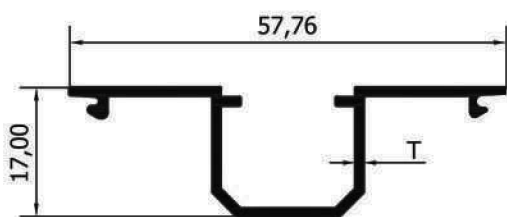
P = 131.873 mm

**85040**

T = 0.90 mm

W = 0.166 Kg/m

P = 131.664 mm



**80050**

T = 1.00 mm

W = 0.274 Kg/m

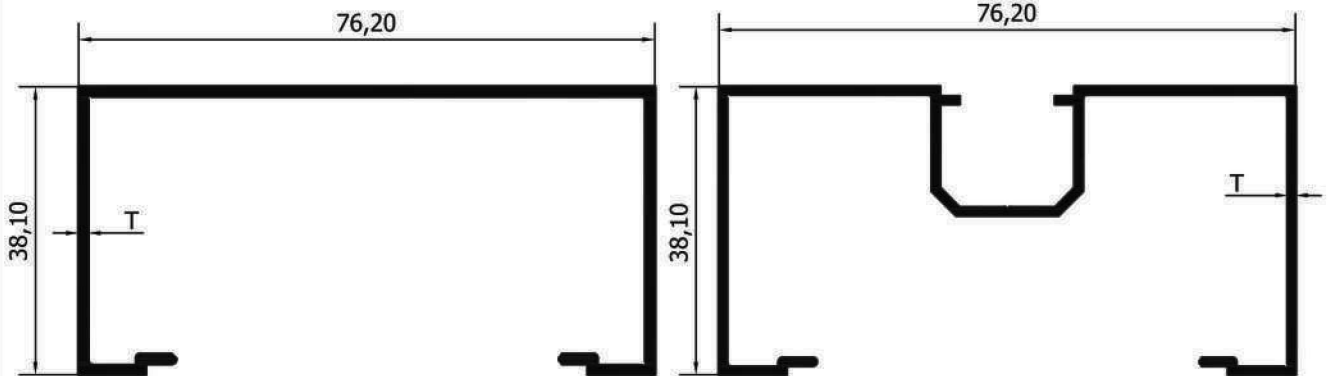
P = 198.082 mm

**85050**

T = 0.90 mm

W = 0.248 Kg/m

P = 199.127 mm



**80060**

**85060**

**80070**

**85070**

T = 1.00 mm

T = 0.90 mm

T = 1.00 mm

T = 0.90 mm

W = 0.478 Kg/m

W = 0.431 Kg/m

W = 0.570 Kg/m

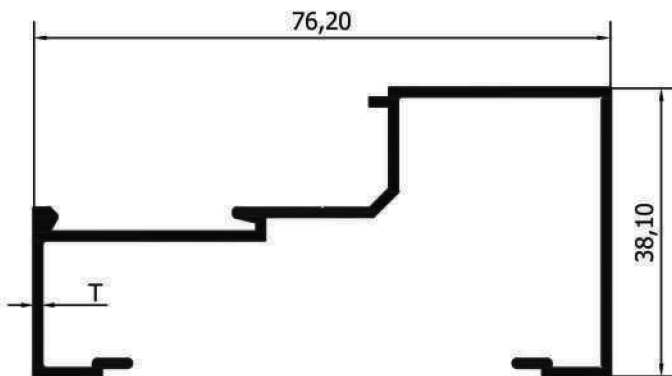
W = 0.514 Kg/m

P = 352.934 mm

P = 353.590 mm

P = 420.274 mm

P = 421.584 mm



**80080**

**85080**

**80090**

**85090**

T = 1.00 mm

T = 0.90 mm

T = 1.00 mm

T = 0.90 mm

W = 0.514 Kg/m

W = 0.466 Kg/m

W = 0.200 Kg/m

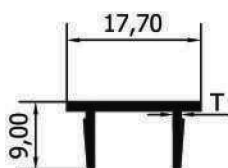
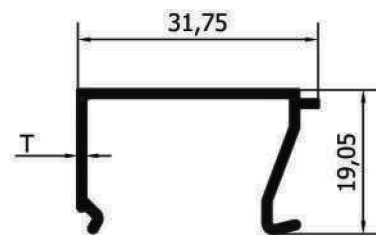
W = 0.181 Kg/m

P = 367.102 mm

P = 367.596 mm

P = 145.850 mm

P = 145.030 mm

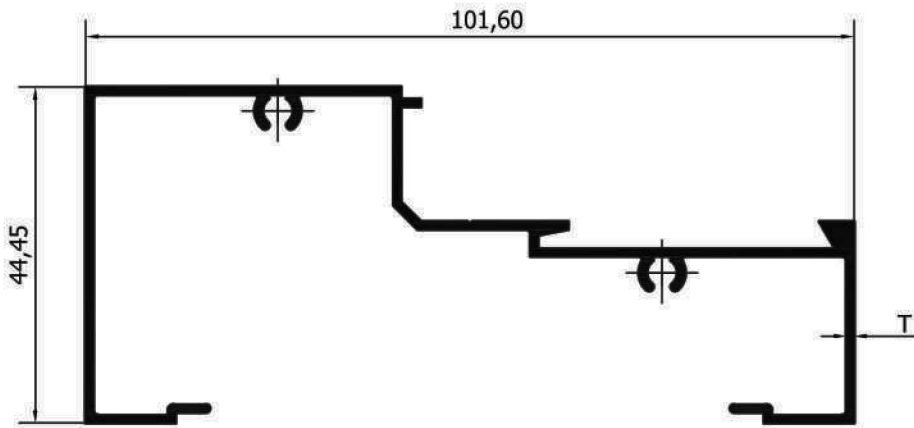


**80100**

T = 1.00 mm

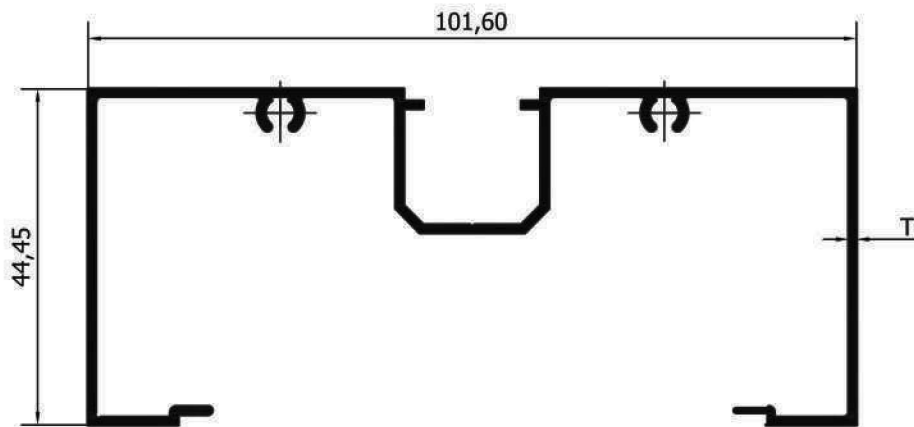
W = 0.103 Kg/m

P = 68.470 mm



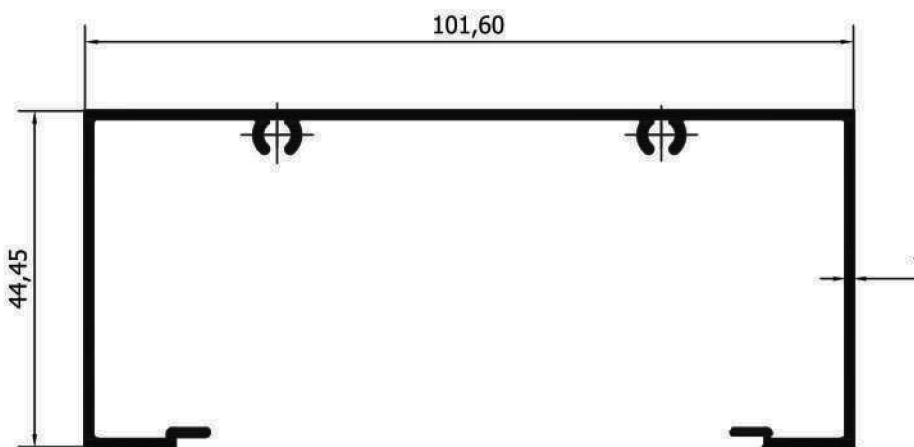
**81010**

T = 1.00 mm  
W = 0.712 Kg/m  
P = 497.543 mm



**81020**

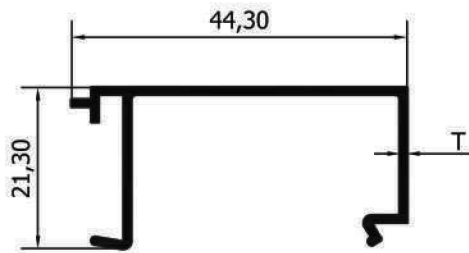
T = 1.00 mm  
W = 0.763 Kg/m  
P = 554.278 mm



**81030**

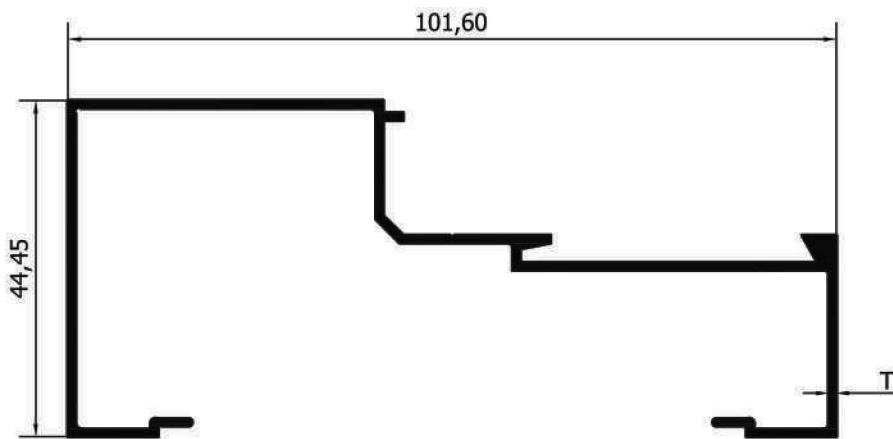
T = 1.00 mm  
W = 0.660 Kg/m  
P = 479.068 mm

SHOP FRONT 4"x1 3/4"  
THICK 1.00 mm & 0.90 mm



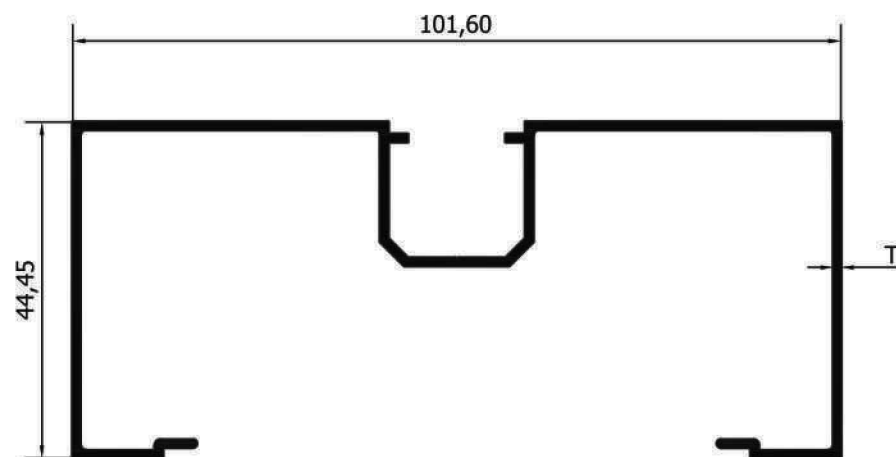
**81040**

T = 0.90 mm  
W = 0.238 Kg/m  
P = 195.129 mm



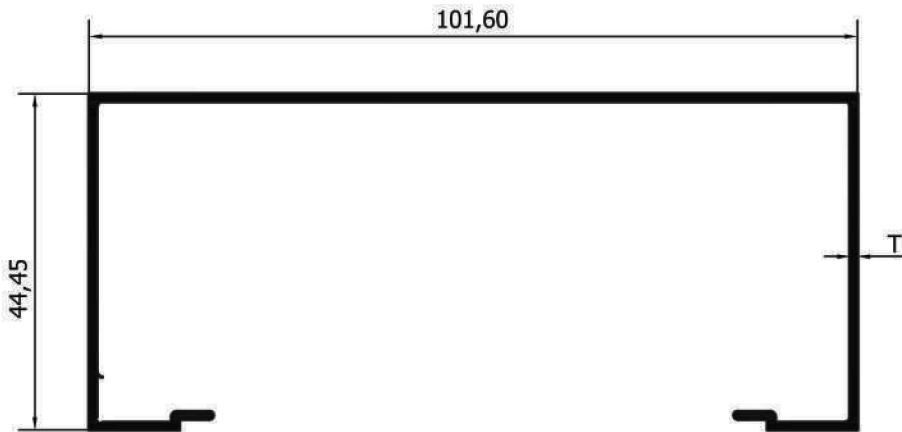
**81050**

T = 1.00 mm  
W = 0.654 Kg/m  
P = 462.015 mm



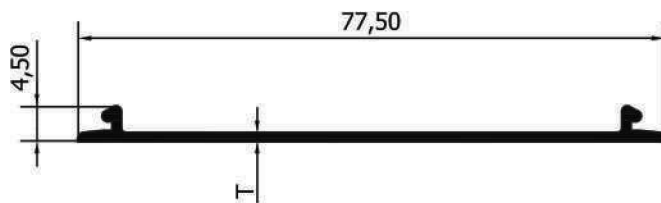
**81060**

T = 1.00 mm  
W = 0.705 Kg/m  
P = 518.845 mm



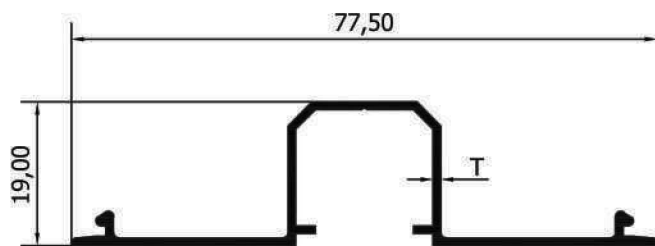
**81070**

T = 1.00 mm  
W = 0.602 Kg/m  
P = 443.539 mm



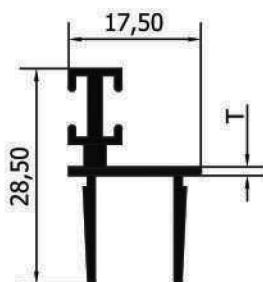
**81080**

T = 1.00 mm  
W = 0.241 Kg/m  
P = 172.004 mm



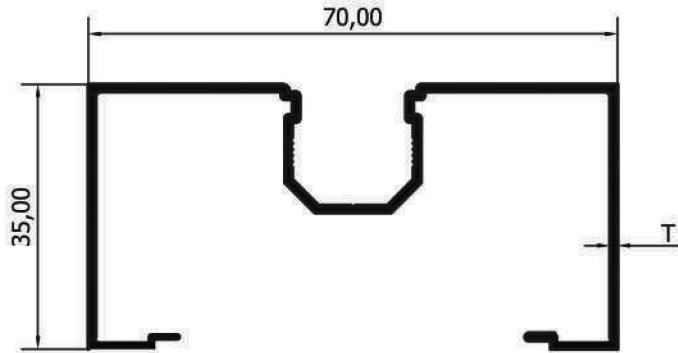
**81090**

T = 1.00 mm  
W = 0.344 Kg/m  
P = 247.194 mm



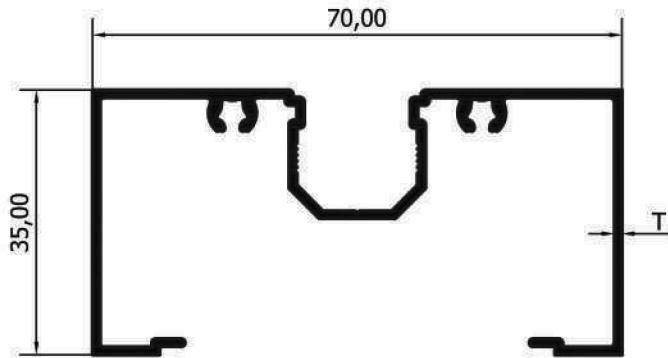
**81901**

T = 0.90 mm  
W = 0.262 Kg/m  
P = 150.623 mm



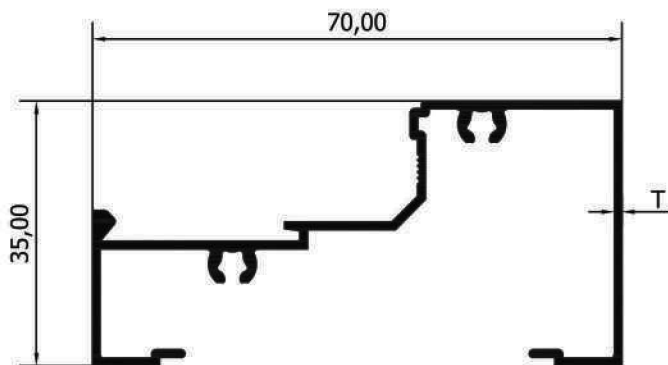
**81910**

T = 1.00 mm  
W = 0.521 Kg/m  
P = 388.588 mm



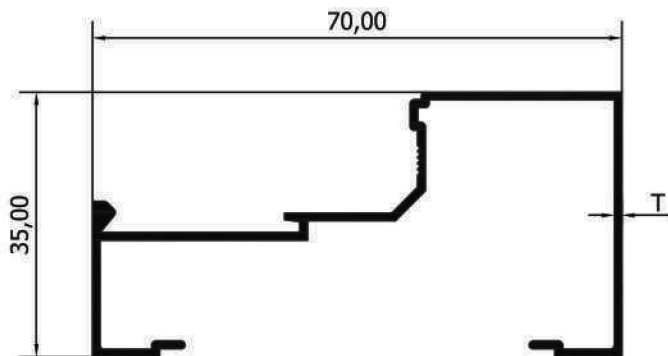
**81911**

T = 1.00 mm  
W = 0.592 Kg/m  
P = 423.449 mm



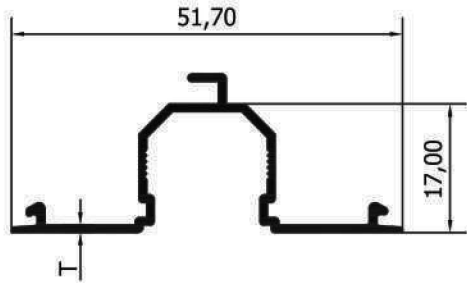
**81912**

T = 1.00 mm  
W = 0.537 Kg/m  
P = 373.908 mm



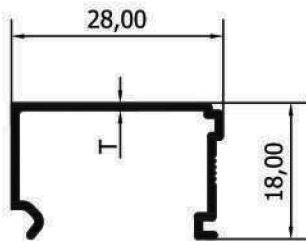
**81913**

T = 1.00 mm  
W = 0.467 Kg/m  
P = 339.130 mm



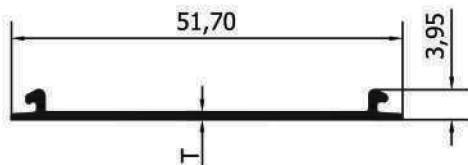
### 81914

T = 1.00 mm  
W = 0.264 Kg/m  
P = 197.259 mm



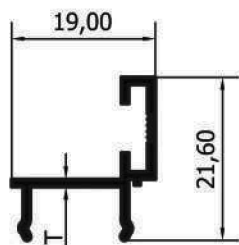
### 81915

T = 1.00 mm  
W = 0.183 Kg/m  
P = 138.388 mm



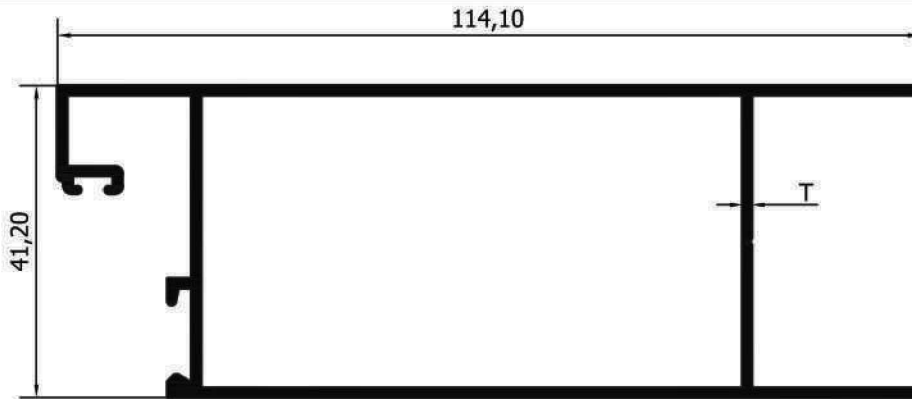
### 81916

T = 1.00 mm  
W = 0.161 Kg/m  
P = 118.818 mm



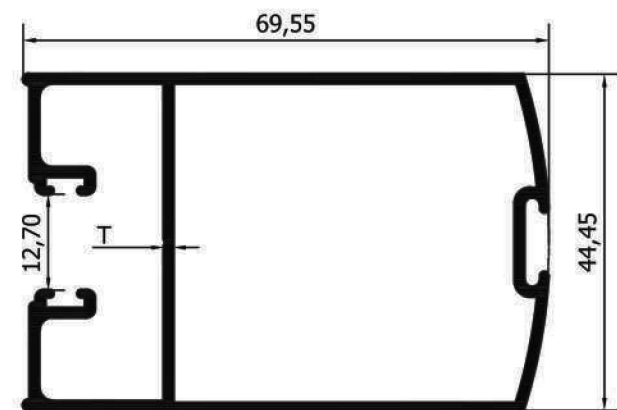
### 81917

T = 1.00 mm  
W = 0.151 Kg/m  
P = 115.550 mm



**82010**

T = 1.20 mm  
W = 1.076 Kg/m  
P = 641.188 mm

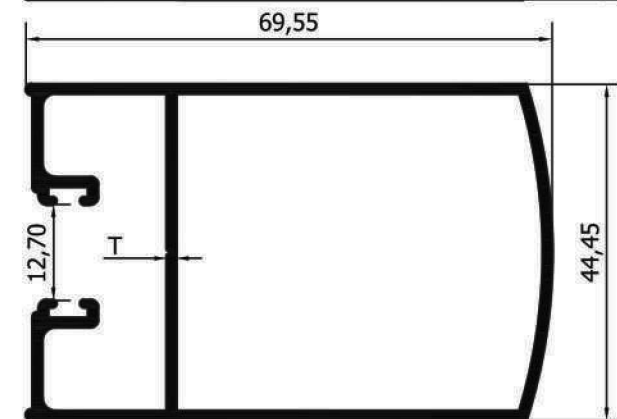


**82020**

T = 1.20 mm  
W = 0.920 Kg/m  
P = 548.048 mm

**82021**

T = 1.00 mm  
W = 0.769 Kg/m  
P = 554.038 mm

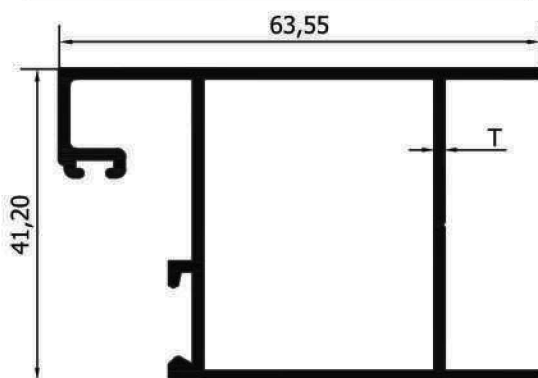


**82030**

T = 1.20 mm  
W = 0.886 Kg/m  
P = 532.215 mm

**82031**

T = 1.00 mm  
W = 0.745 Kg/m  
P = 538.162 mm

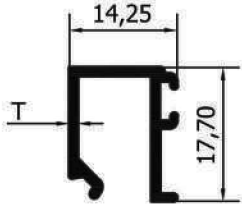


**82040**

T = 1.20 mm  
W = 0.731 Kg/m  
P = 438.129 mm

**82041**

T = 1.00 mm  
W = 0.615 Kg/m  
P = 439.991 mm

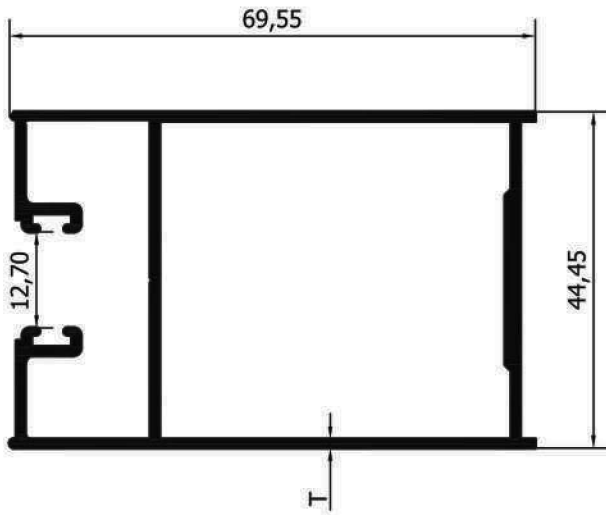


**82050**

T = 1.10 mm  
W = 0.164 Kg/m  
P = 111.012 mm

**82051**

T = 1.00 mm  
W = 0.153 Kg/m  
P = 111.260 mm

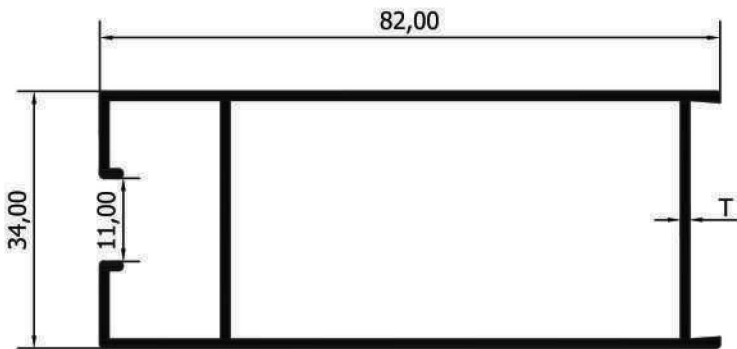


**82060**

T = 1.20 mm  
W = 0.945 Kg/m  
P = 547.373 mm

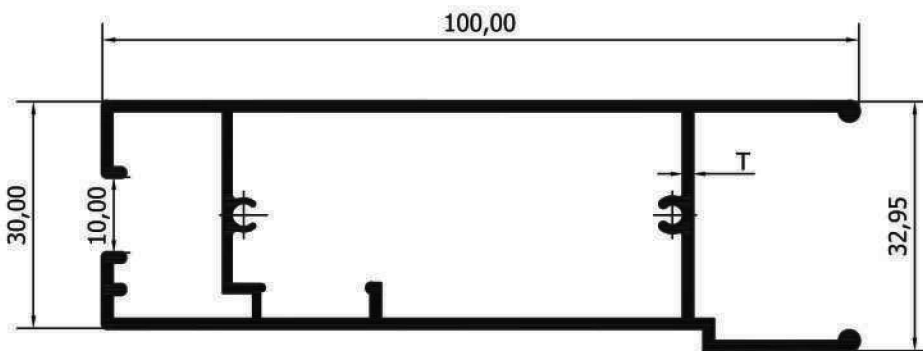
**82061**

T = 1.00 mm  
W = 0.813 Kg/m  
P = 552.739 mm



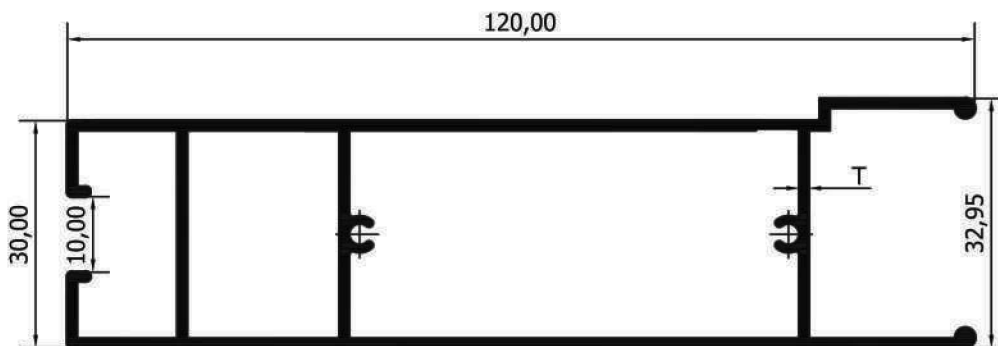
**82082**

T = 1.20 mm  
W = 0.822 Kg/m  
P = 501.105 mm



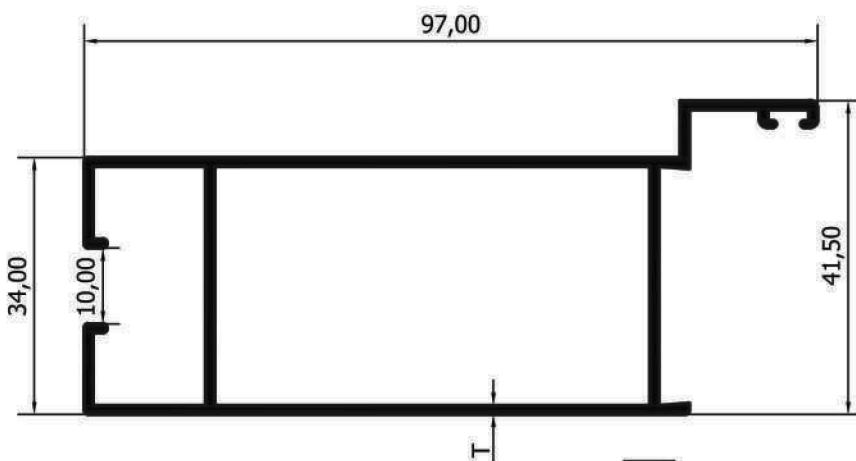
**82086**

T = 1.20 mm  
W = 0.995 Kg/m  
P = 602.268 mm



**82087**

T = 1.20 mm  
W = 1.176 Kg/m  
P = 713.570 mm

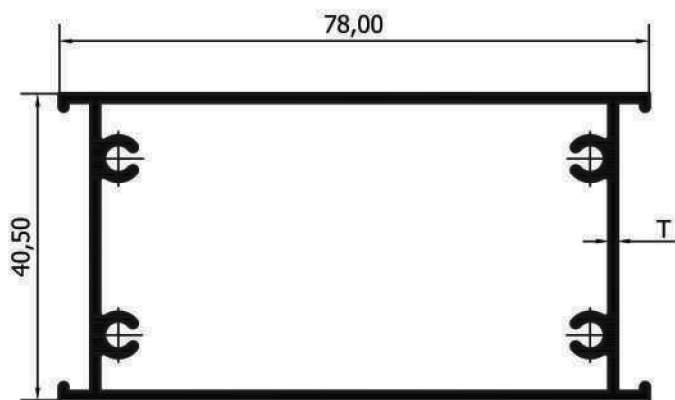


**82088**

T = 1.20 mm  
W = 0.956 Kg/m  
P = 377.680 mm

75

GROUP 82XXX

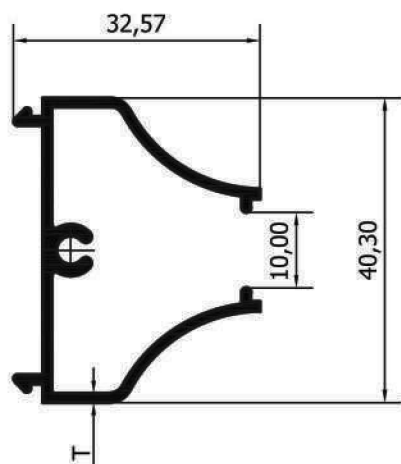


**84062**

T = 1.10 mm

W = 0.856 Kg/m

P = 546.420 mm

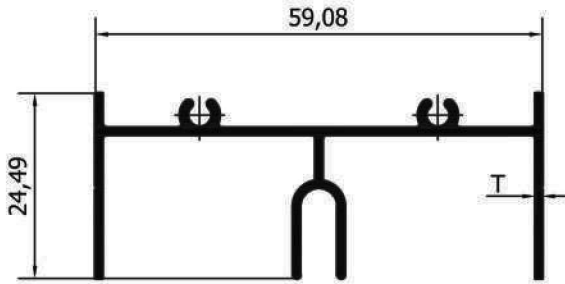


**84063**

T = 1.20 mm

W = 0.423 Kg/m

P = 253.951 mm

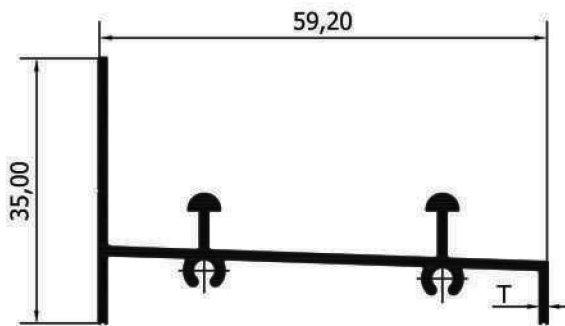


**83010**

T = 1.00 mm  
W = 0.425 Kg/m  
P = 306.855 mm

**83011**

T = 0.90 mm  
W = 0.390 Kg/m  
P = 307.831 mm

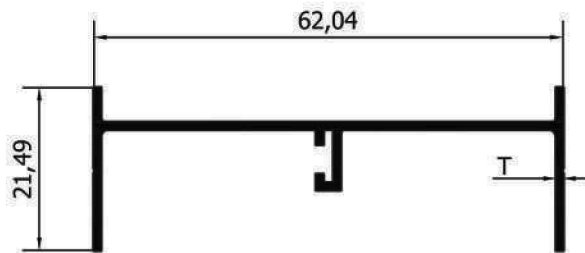


**83020**

T = 1.00 mm  
W = 0.383 Kg/m  
P = 267.279 mm

**83021**

T = 0.90 mm  
W = 0.356 Kg/m  
P = 268.374 mm

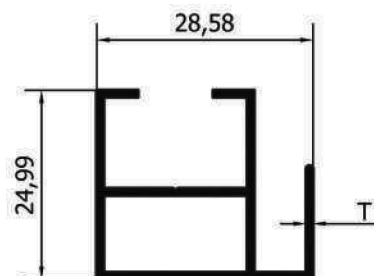


**83030**

T = 1.00 mm  
W = 0.317 Kg/m  
P = 232.970 mm

**83031**

T = 0.90 mm  
W = 0.286 Kg/m  
P = 233.870 mm

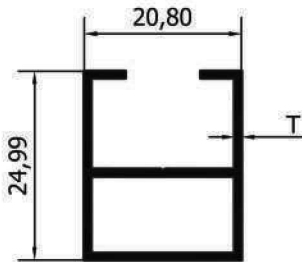


**83040**

T = 1.00 mm  
W = 0.319 Kg/m  
P = 237.850 mm

**83041**

T = 0.90 mm  
W = 0.289 Kg/m  
P = 237.501 mm

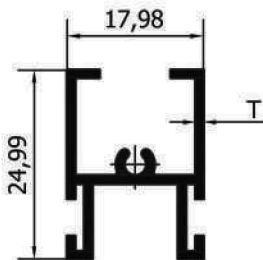


### 83050

T = 1.00 mm  
W = 0.261 Kg/m  
P = 153.390 mm

### 83051

T = 0.90 mm  
W = 0.236 Kg/m  
P = 194.127 mm

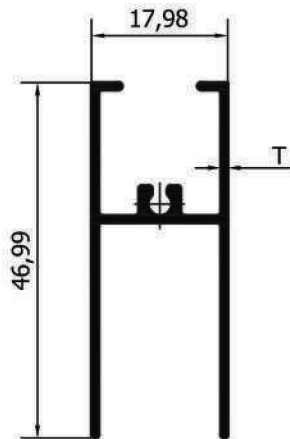


### 83060

T = 1.00 mm  
W = 0.251 Kg/m  
P = 184.188 mm

### 83061

T = 0.90 mm  
W = 0.231 Kg/m  
P = 185.648 mm

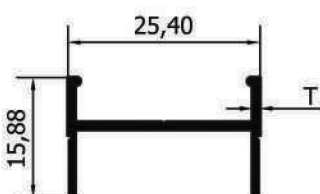


### 83070

T = 1.00 mm  
W = 0.351 Kg/m  
P = 247.980 mm

### 83071

T = 0.90 mm  
W = 0.320 Kg/m  
P = 246.709 mm

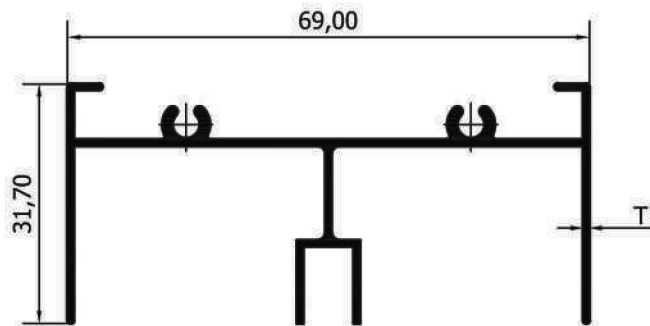


### 83080

T = 1.00 mm  
W = 0.153 Kg/m  
P = 114.807 mm

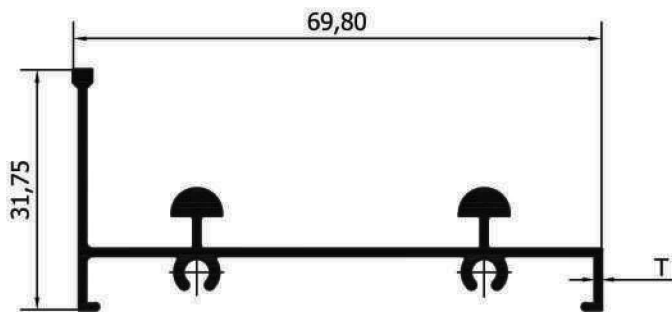
### 83081

T = 0.90 mm  
W = 0.138 Kg/m  
P = 116.360 mm



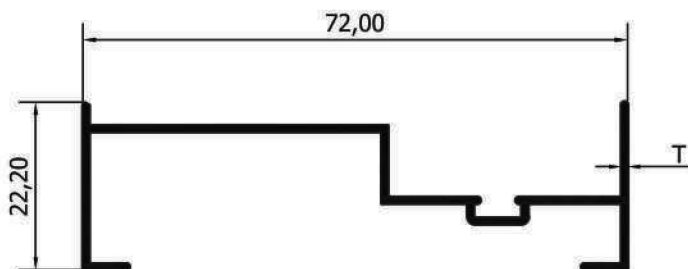
### 83801

T = 0.80 mm  
W = 0.453 Kg/m  
P = 388.265 mm



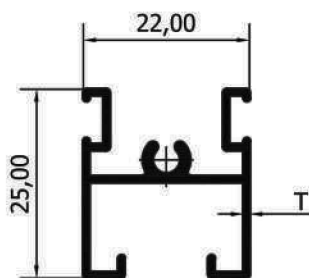
### 83802

T = 0.80 mm  
W = 0.428 Kg/m  
P = 302.949 mm



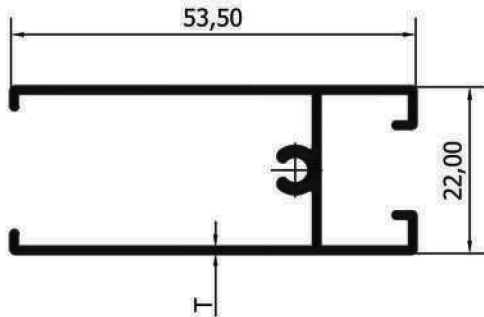
### 83803

T = 0.80 mm  
W = 0.306 Kg/m  
P = 282.890 mm



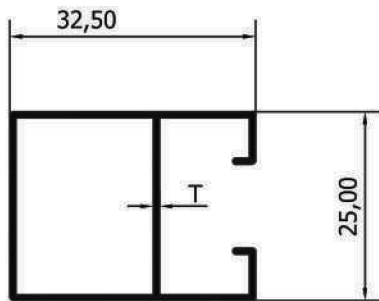
### 83804

T = 0.80 mm  
W = 0.246 Kg/m  
P = 209.566 mm



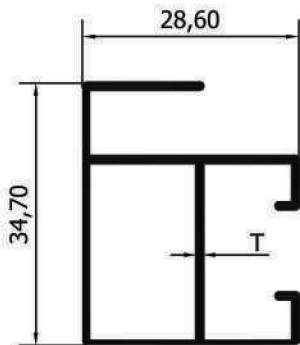
### 83805

T = 0.80 mm  
W = 0.352 Kg/m  
P = 306.704 mm



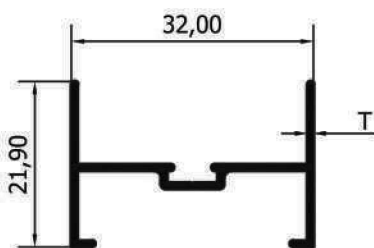
### 83806

T = 0.80 mm  
W = 0.277 Kg/m  
P = 255.025 mm



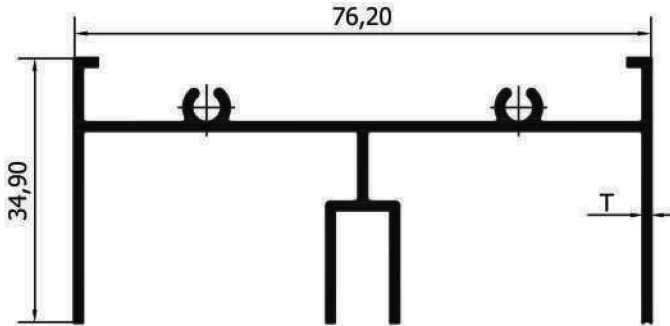
### 83807

T = 0.80 mm  
W = 0.314 Kg/m  
P = 288.682 mm



### 83808

T = 0.80 mm  
W = 0.184 Kg/m  
P = 169.059 mm



**84010**

**84011**

T = 1.00 mm

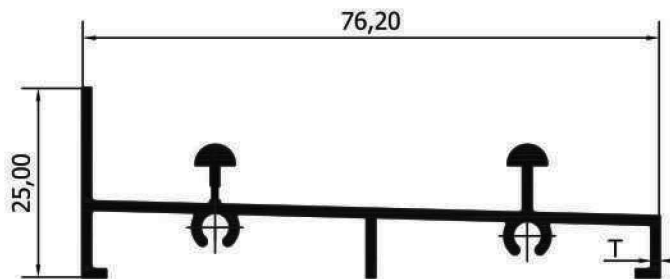
T = 0.90 mm

W = 0.589 Kg/m

W = 0.536 Kg/m

P = 425.460 mm

P = 425.960 mm



**84020**

**84021**

T = 1.00 mm

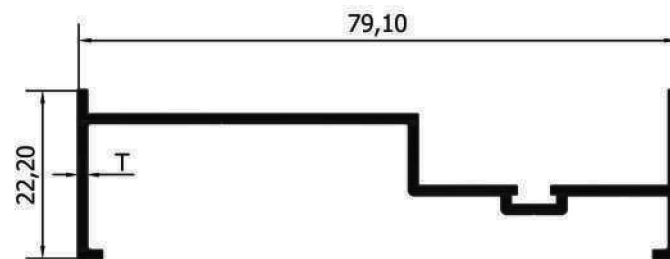
T = 0.90 mm

W = 0.464 Kg/m

W = 0.437 Kg/m

P = 316.273 mm

P = 317.099 mm



**84030**

**84031**

T = 1.00 mm

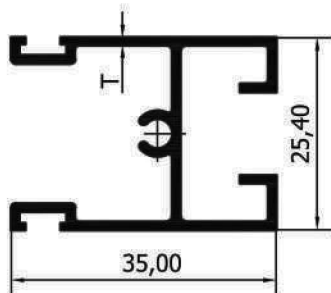
T = 0.90 mm

W = 0.384 Kg/m

W = 0.347 Kg/m

P = 283.605 mm

P = 284.205 mm



**84050**

**84051**

T = 1.00 mm

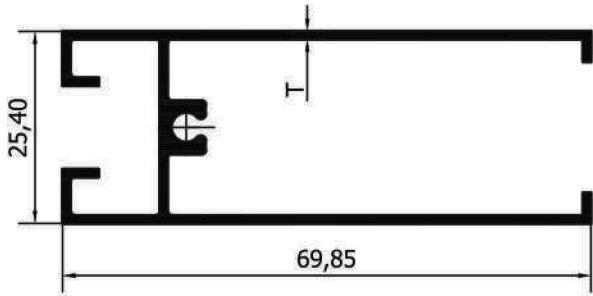
T = 0.90 mm

W = 0.369 Kg/m

W = 0.340 Kg/m

P = 266.744 mm

P = 269.344 mm

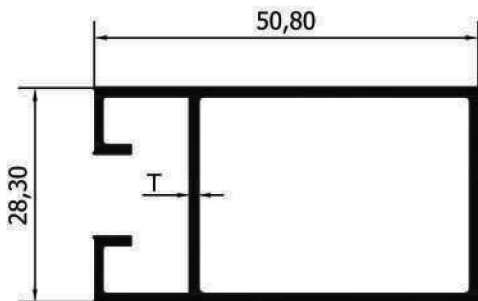


**84060**

T = 1.00 mm  
W = 0.569 Kg/m  
P = 396.086 mm

**84061**

T = 0.90 mm  
W = 0.528 Kg/m  
P = 398.120 mm

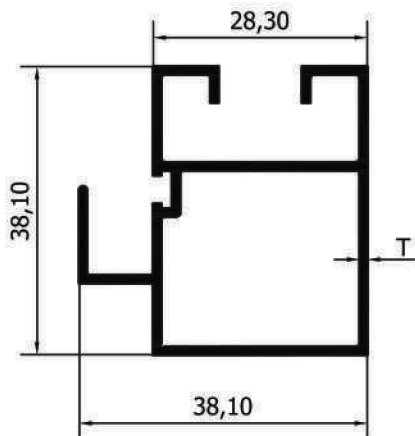


**84070**

T = 1.00 mm  
W = 0.481 Kg/m  
P = 351.654 mm

**84071**

T = 0.90 mm  
W = 0.435 Kg/m  
P = 353.254 mm

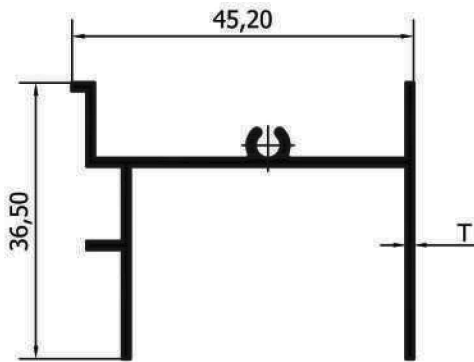


**84080**

T = 1.00 mm  
W = 0.480 Kg/m  
P = 350.596 mm

**84081**

T = 0.90 mm  
W = 0.437 Kg/m  
P = 352.247 mm



**84090**

T = 1.00 mm

W = 0.352 Kg/m

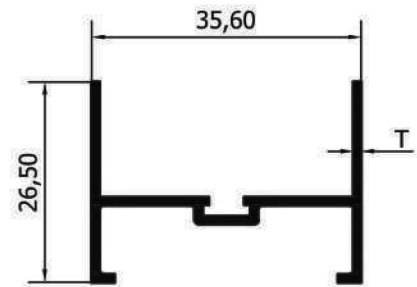
P = 258.146 mm

**84091**

T = 0.90 mm

W = 0.320 Kg/m

P = 258.490 mm



**84040**

T = 1.00 mm

W = 0.264 Kg/m

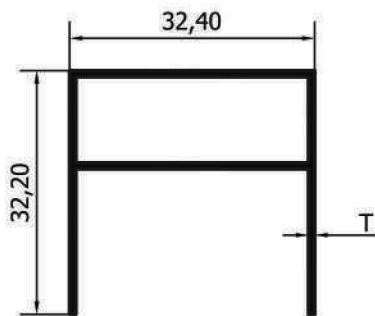
P = 194.663 mm

**84041**

T = 0.90 mm

W = 0.239 Kg/m

P = 196.197 mm

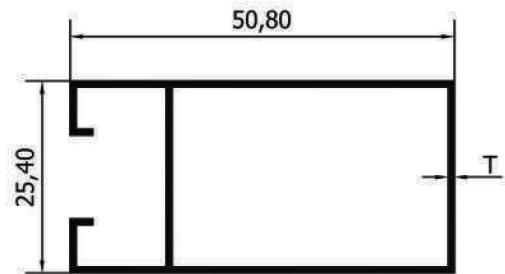


**84804**

T = 0.80 mm

W = 0.273 Kg/m

P = 252.000 mm

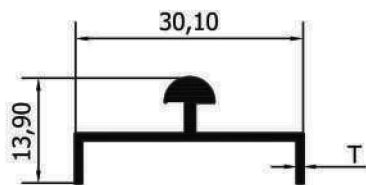


**84807**

T = 0.80 mm

W = 0.360 Kg/m

P = 332.600 mm

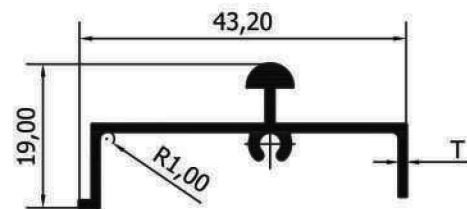


**84810**

T = 0.80 mm

W = 0.149 Kg/m

P = 106.653 mm

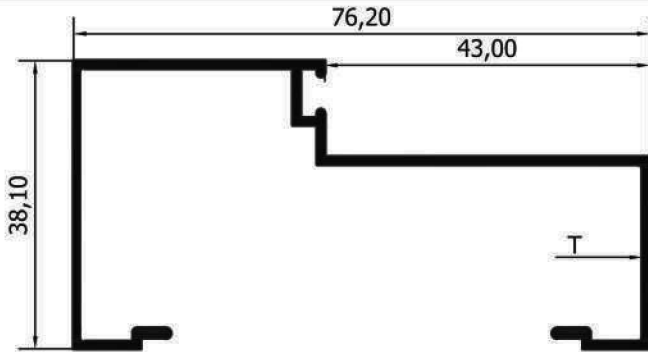


**84901**

T = 0.90 mm

W = 0.230 Kg/m

P = 161.447 mm

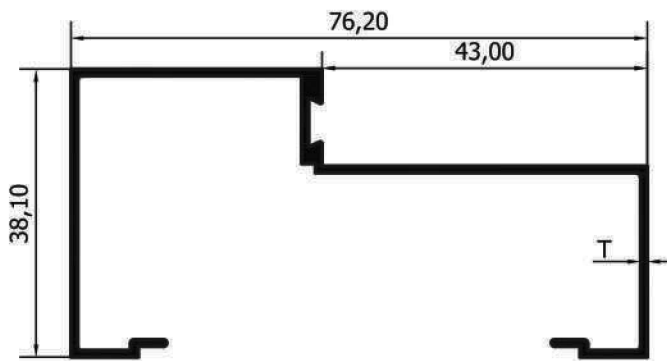


**87010**

T = 1.00 mm  
W = 0.501 Kg/m  
P = 364.818 mm

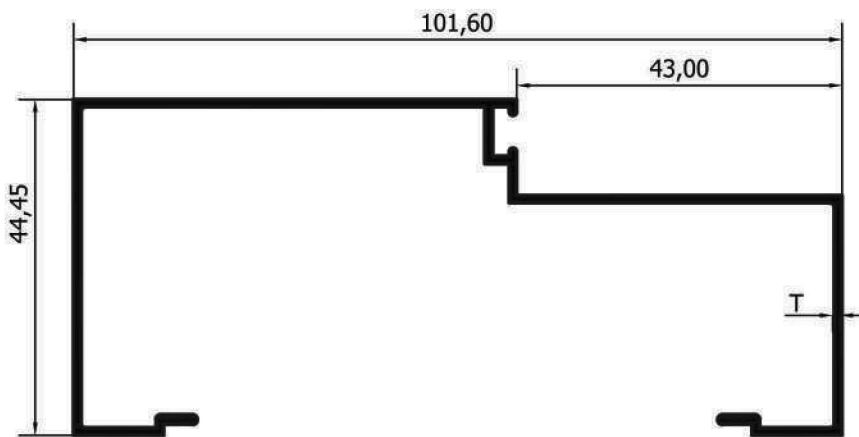
**87011**

T = 1.20 mm  
W = 0.588 Kg/m  
P = 360.459 mm



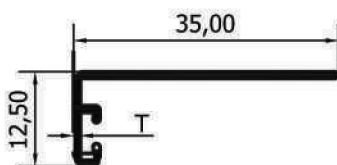
**87801**

T = 0.90 mm  
W = 0.461 Kg/m  
P = 359.480 mm



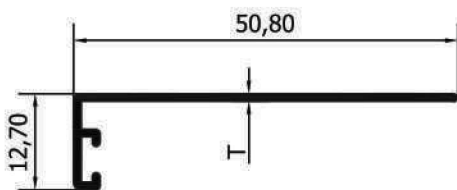
**87020**

T = 1.00 mm  
W = 0.624 Kg/m  
P = 455.138 mm



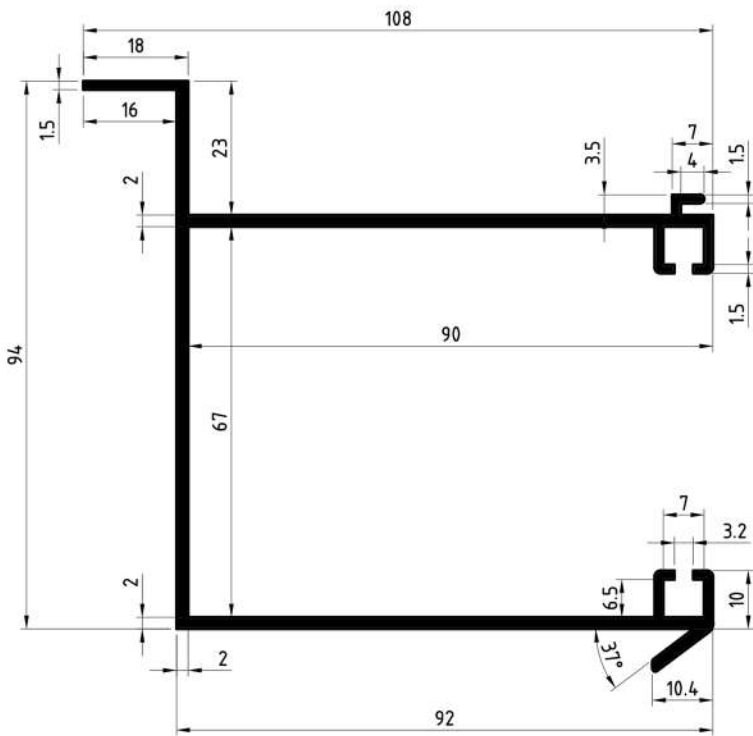
**87030**

T = 0.90 mm  
W = 0.133 Kg/m  
P = 108.354 mm



**87040**

T = 1.00 mm  
W = 0.190 Kg/m  
P = 139.425 mm

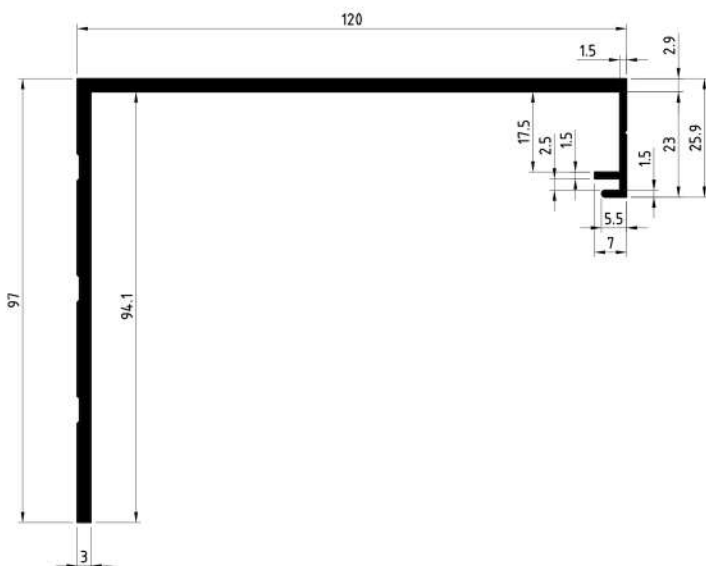


**87823**

T = 2.00mm

W = 1.810 Kg/m

P = 694.955 mm

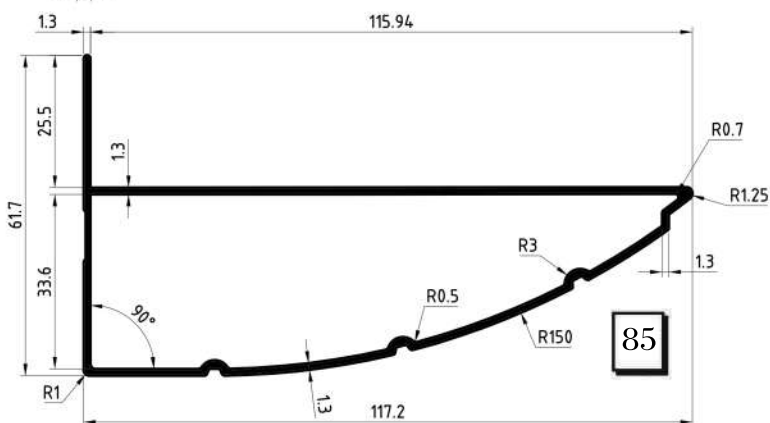


**87824**

T = 3.00mm

W = 1.830 Kg/m

P = 500.019 mm



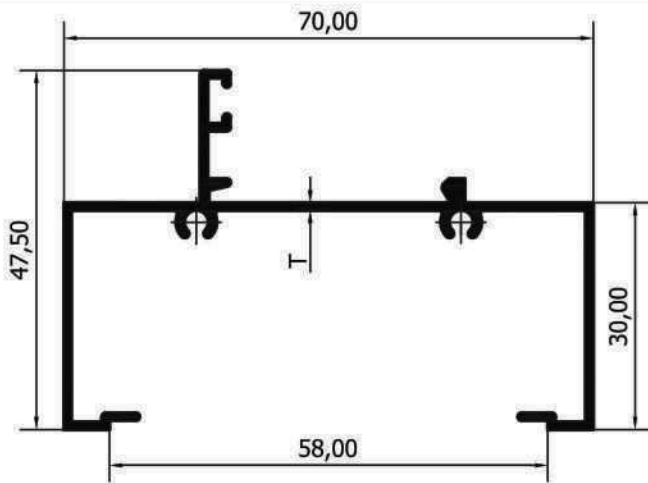
**87825**

T = 1.30mm

W = 1.096 Kg/m

P = 609.760 mm

GROUP 87XXX

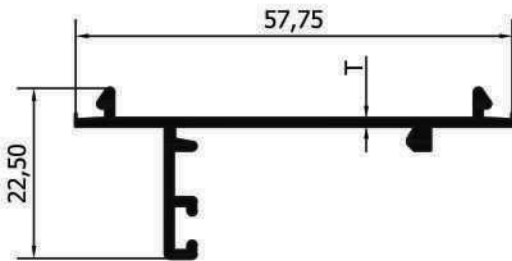


**88010**

T = 1.00 mm  
W = 0.552 Kg/m  
P = 385.871 mm

**88910**

T = 0.90 mm  
W = 0.510 Kg/m  
P = 388.038 mm

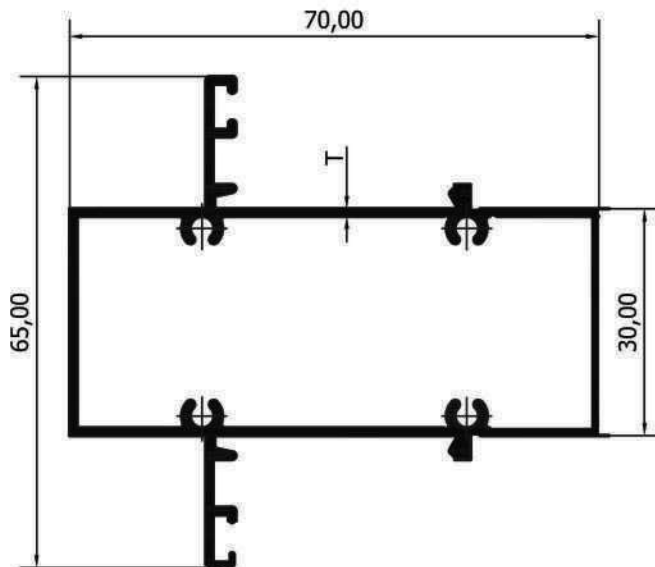


**88020**

T = 1.00 mm  
W = 0.285 Kg/m  
P = 197.149 mm

**88920**

T = 0.90 mm  
W = 0.266 Kg/m  
P = 198.750 mm

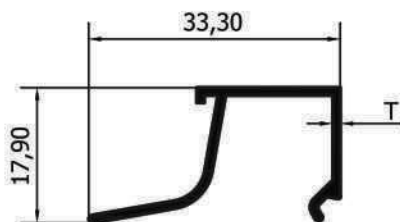


**88030**

T = 1.00 mm  
W = 0.833 Kg/m  
P = 568.716 mm

**88930**

T = 0.90 mm  
W = 0.775 Kg/m  
P = 572.865 mm

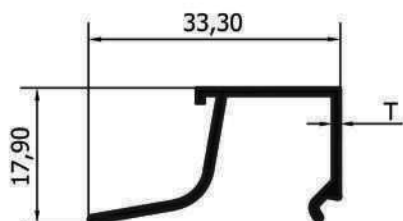


**89040**

T = 1.00 mm  
W = 0.185 Kg/m  
P = 135.347 mm

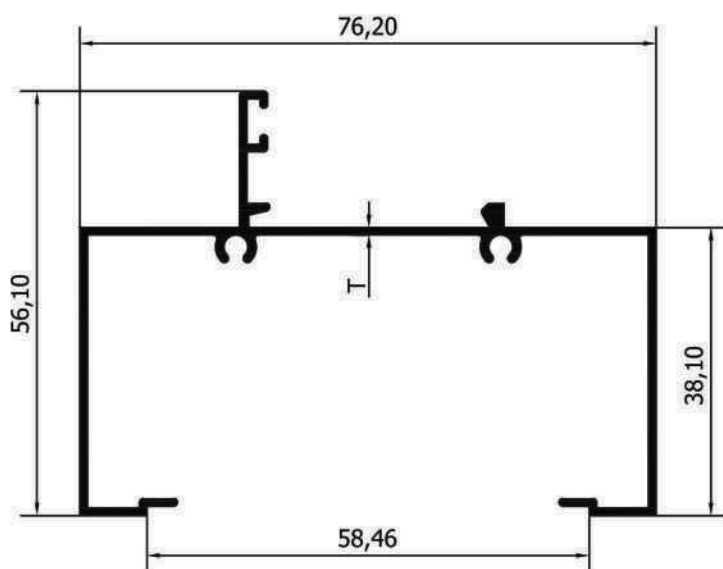
**89041**

T = 0.90 mm  
W = 0.168 Kg/m  
P = 135.750 mm



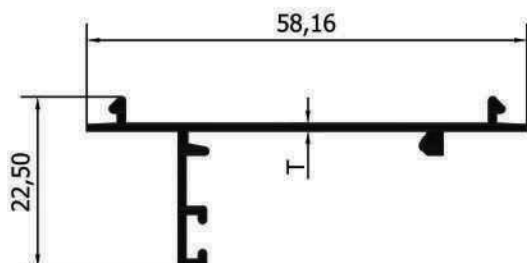
### 89040

T = 1.00 mm  
W = 0.185 Kg/m  
P = 135.347 mm



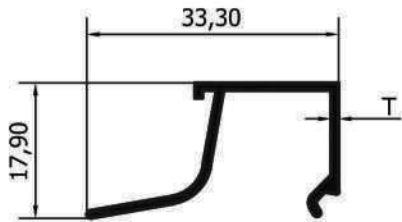
### 88101

T = 1.00 mm  
W = 0.628 Kg/m  
P = 441.951 mm



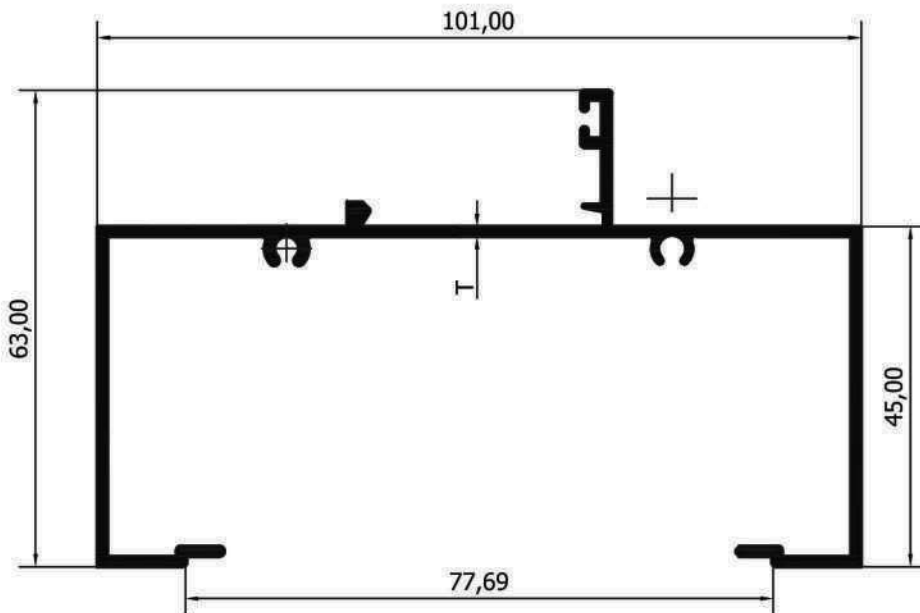
### 88102

T = 1.00 mm  
W = 0.282 Kg/m  
P = 195.996 mm



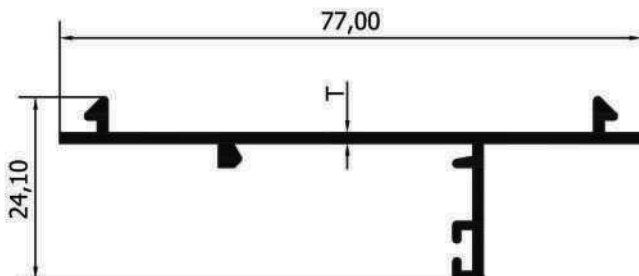
**89040**

T = 1.00 mm  
W = 0.185 Kg/m  
P = 135.347 mm



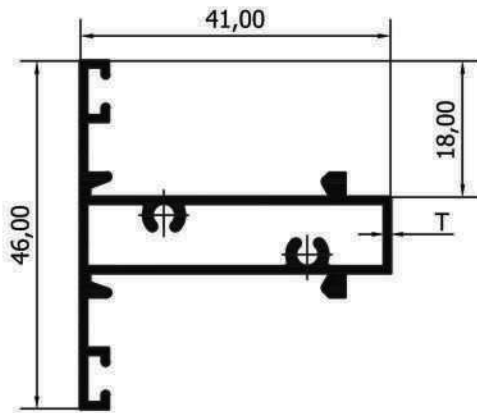
**88301**

T = 1.35 mm  
W = 0.994 Kg/m  
P = 535.170 mm



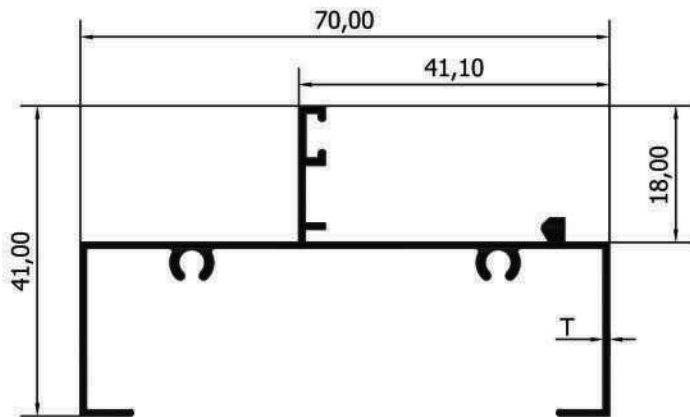
**88303**

T = 1.35 mm  
W = 0.447 Kg/m  
P = 242.858 mm



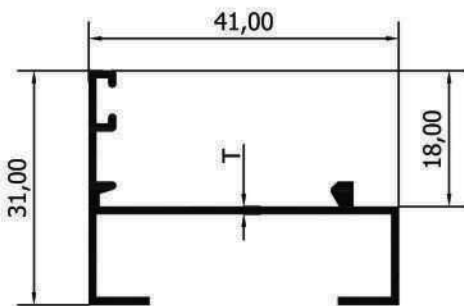
### 89802

T = 0.80 mm  
 W = 0.448 Kg/m  
 P = 352.267 mm



### 89805

T = 0.80 mm  
 W = 0.420 Kg/m  
 P = 374.429 mm

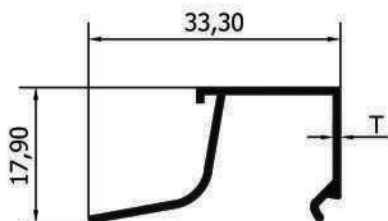


### 89801

T = 0.80 mm  
 W = 0.260 Kg/m  
 P = 221.257 mm

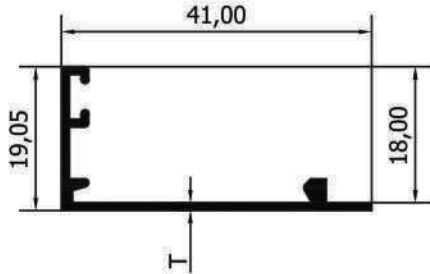
### 89911

T = 0.90 mm  
 W = 0.289 Kg/m  
 P = 222.553 mm



### 89041

T = 0.90 mm  
 W = 0.168 Kg/m  
 P = 135.750 mm

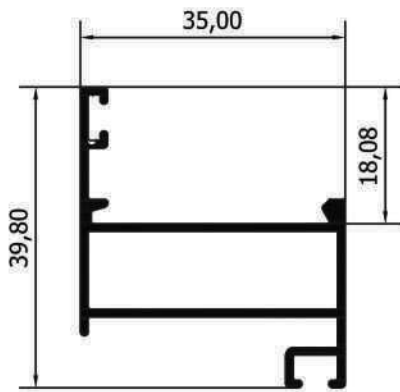


**89920**

T = 1.05 mm  
W = 0.220 Kg/m  
P = 144.051 mm

**89921**

T = 0.90 mm  
W = 0.196 Kg/m  
P = 146.053 mm

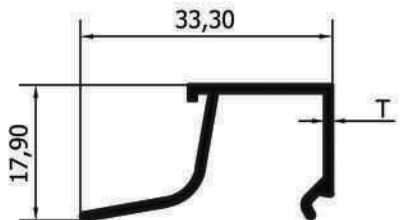


**89930**

T = 1.00 mm  
W = 0.418 Kg/m  
P = 290.875 mm

**89931**

T = 0.90 mm  
W = 0.377 Kg/m  
P = 204.430 mm

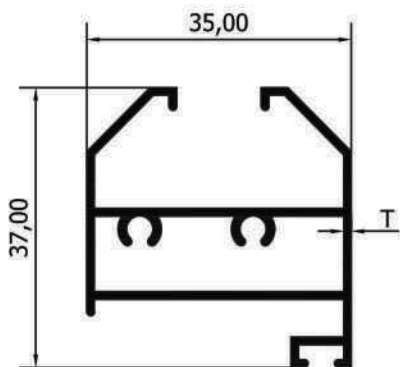


**89040**

T = 1.00 mm  
W = 0.185 Kg/m  
P = 135.244 mm

**89041**

T = 0.90 mm  
W = 0.168 Kg/m  
P = 135.750 mm

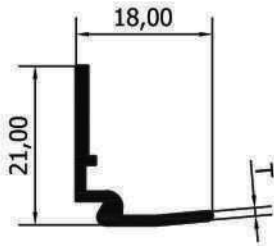


**89050**

T = 1.00 mm  
W = 0.490 Kg/m  
P = 351.122 mm

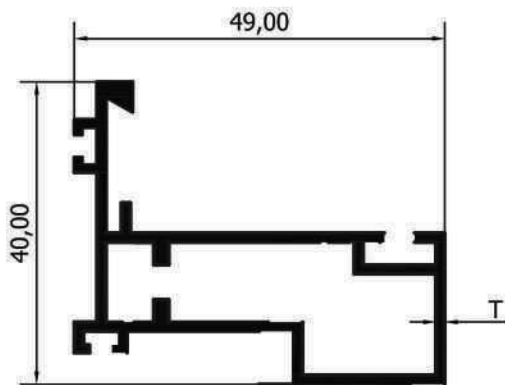
**89803**

T = 0.80 mm  
W = 0.414 Kg/m  
P = 361.912 mm



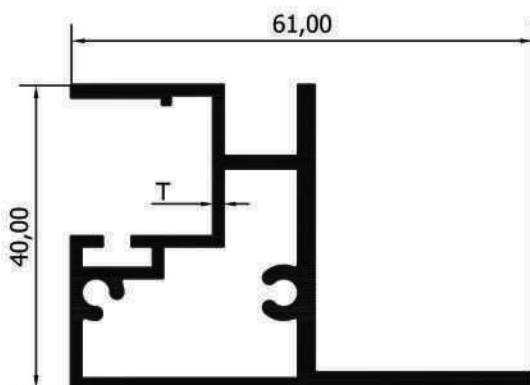
### 90101

T = 1.10 mm  
W = 0.141 Kg/m  
P = 80.495 mm



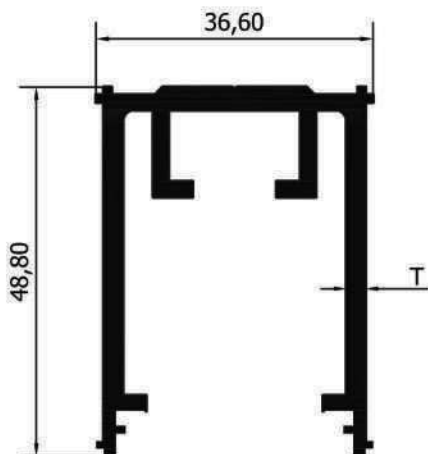
### 90102

T = 1.20 mm  
W = 0.639 Kg/m  
P = 379.962 mm



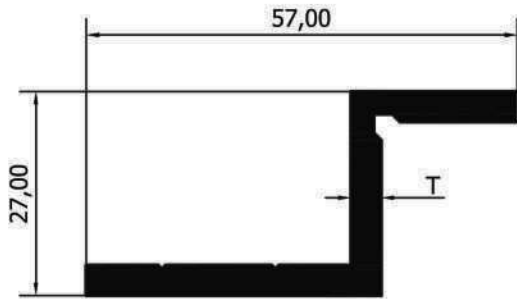
### 90103

T = 1.20 mm  
W = 0.874 Kg/m  
P = 417.914 mm



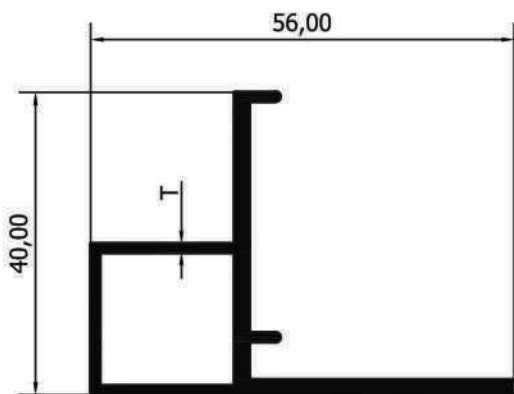
### 90104

T = 2.50 mm  
W = 1.052 Kg/m  
P = 344.589 mm



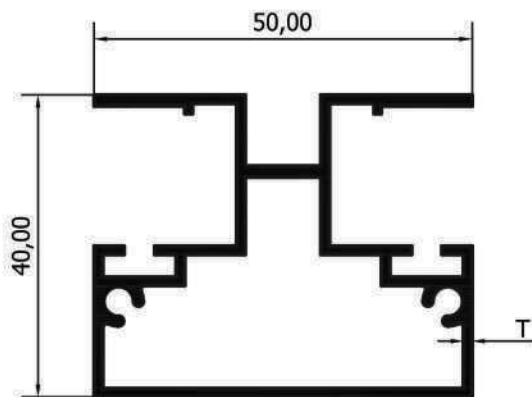
### 90105

T = 4.00 mm  
W = 0.852 Kg/m  
P = 171.657 mm



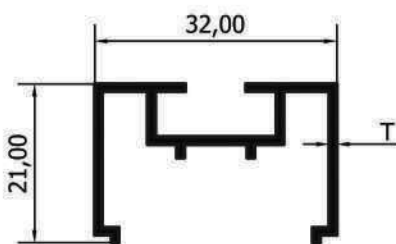
### 90106

T = 1.20 mm  
W = 0.611 Kg/m  
P = 277.770 mm



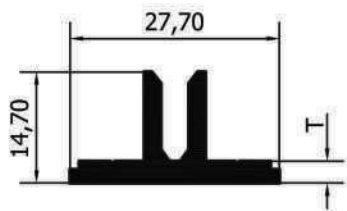
### 90107

T = 1.15 mm  
W = 0.835 Kg/m  
P = 484.300 mm



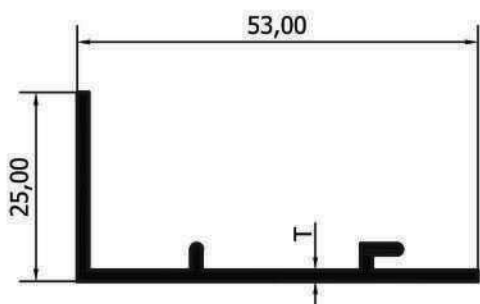
### 90108

T = 1.00 mm  
W = 0.276 Kg/m  
P = 206.000 mm



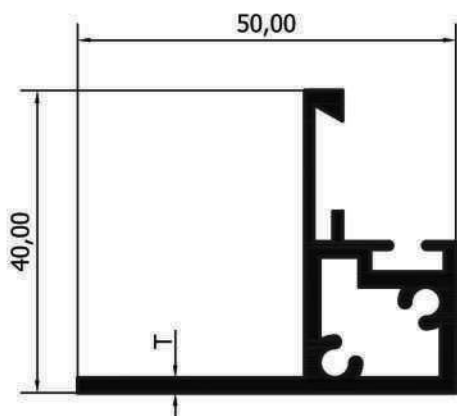
**90109**

T = 2.90 mm  
W = 0.350 Kg/m  
P = 105.859 mm



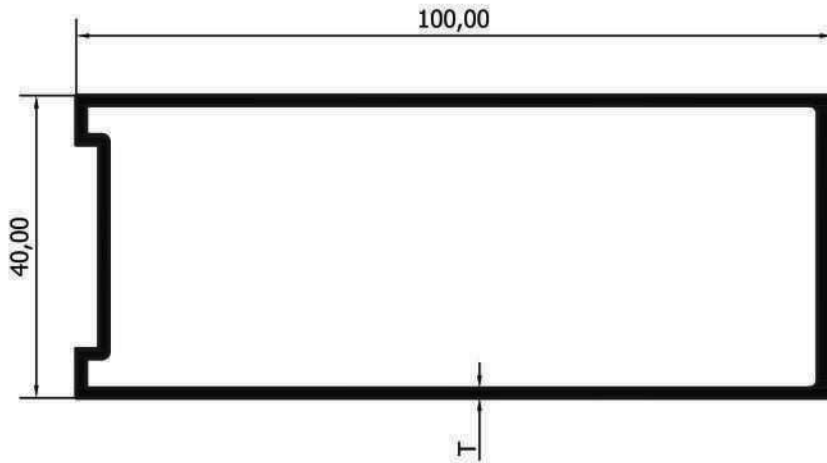
**90111**

T = 1.50 mm  
W = 0.354 Kg/m  
P = 176.712 mm



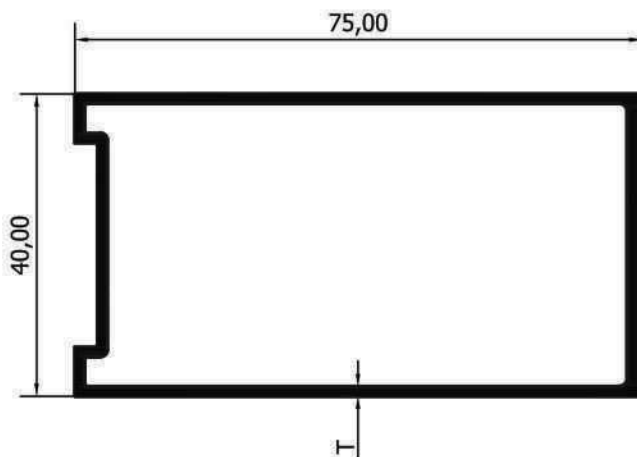
**90112**

T = 2.00 mm  
W = 0.738 Kg/m  
P = 298.107 mm



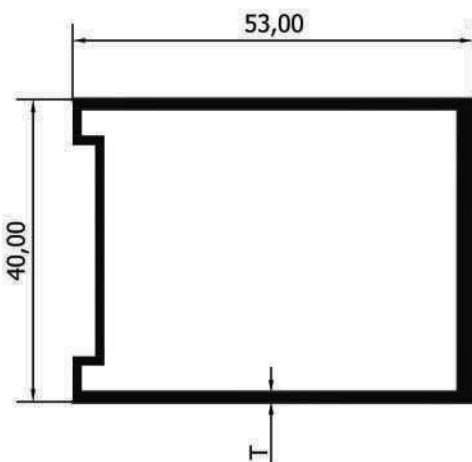
**91002**

T = 2.00 mm  
W = 1.507 Kg/m  
P = 556.000 mm



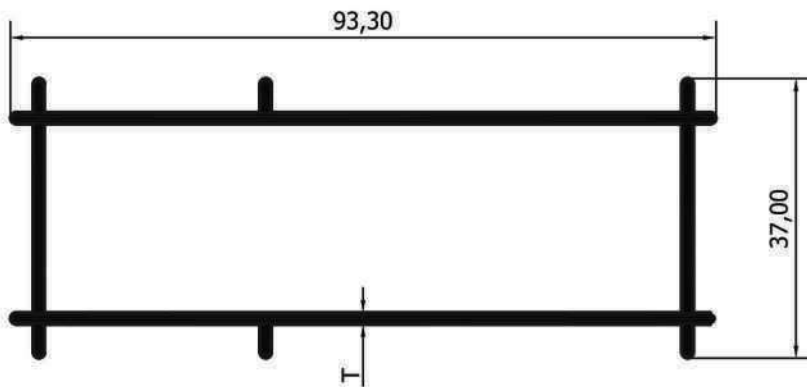
**90113**

T = 1.30 mm  
W = 1.060 Kg/m  
P = 558.483 mm



**90110**

T = 1.20 mm  
W = 0.690 Kg/m  
P = 372.800 mm

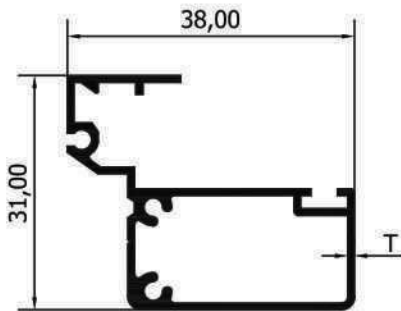


**90114**

T = 1.50 mm

W = 1.065 Kg/m

P = 520.762 mm

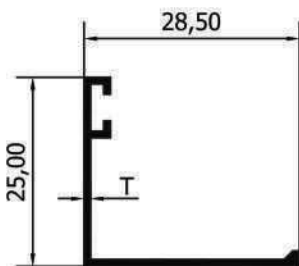


**89809**

T = 0.90 mm

W = 0.382 Kg/m

P = 280.229 mm

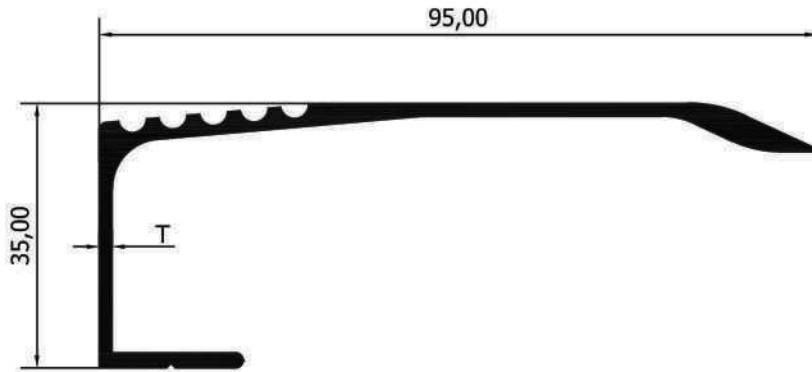


**89810**

T = 0.90 mm

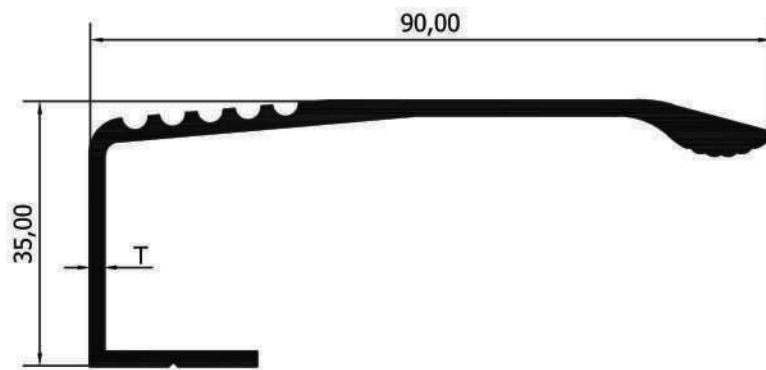
W = 0.152 Kg/m

P = 124.356 mm



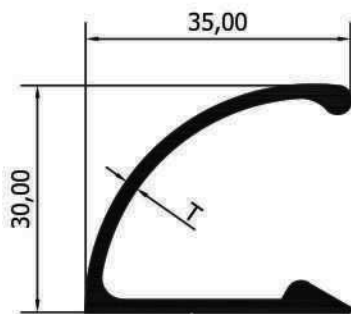
**92010**

T = 1.70 mm  
W = 0.786 Kg/m  
P = 295.200 mm



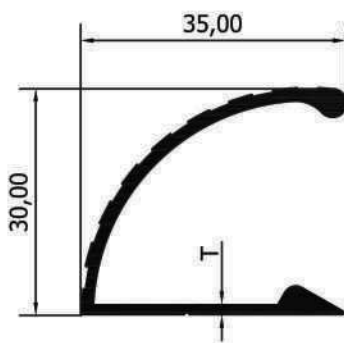
**92040**

T = 1.80 mm  
W = 0.800 Kg/m  
P = 292.938 mm



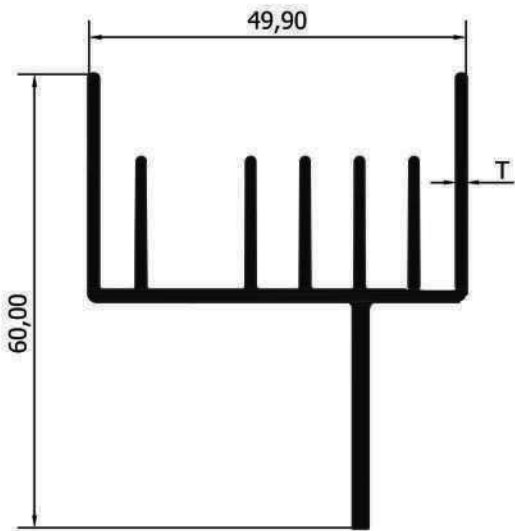
**92020**

T = 1.50 mm  
W = 0.394 Kg/m  
P = 172.516 mm



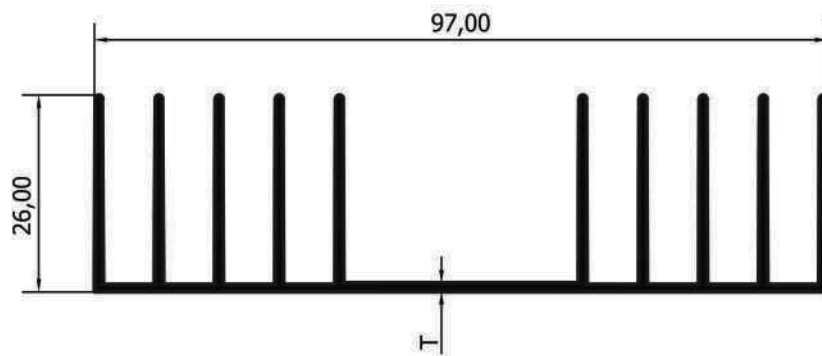
**92030**

T = 1.50 mm  
W = 0.368 Kg/m  
P = 178.747 mm



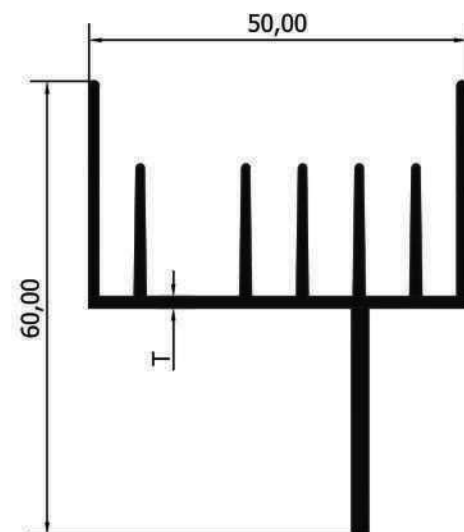
### 96001

T = 1.25 mm  
W = 0.799 Kg/m  
P = 444.736 mm



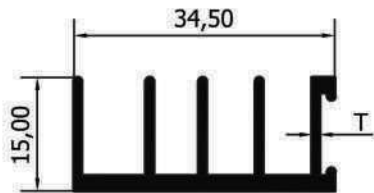
### 96002

T = 1.20 mm  
W = 1.021 Kg/m  
P = 689.313 mm



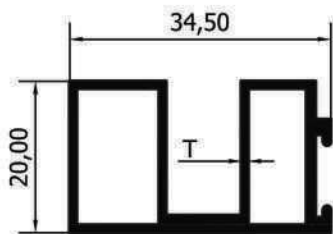
### 96003

T = 1.50 mm  
W = 0.875 Kg/m  
P = 446.256 mm



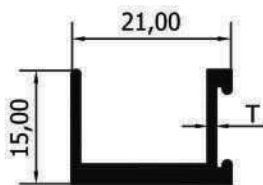
### 96004

T = 1.00 mm  
W = 0.378 Kg/m  
P = 208.425 mm



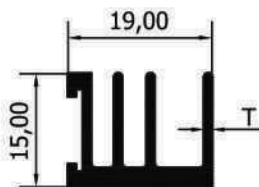
### 96005

T = 0.90 mm  
W = 0.399 Kg/m  
P = 263.142 mm



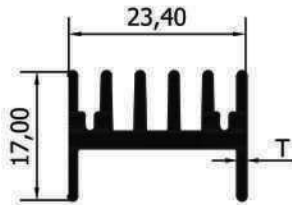
### 96006

T = 1.00 mm  
W = 0.223 Kg/m  
P = 103.712 mm



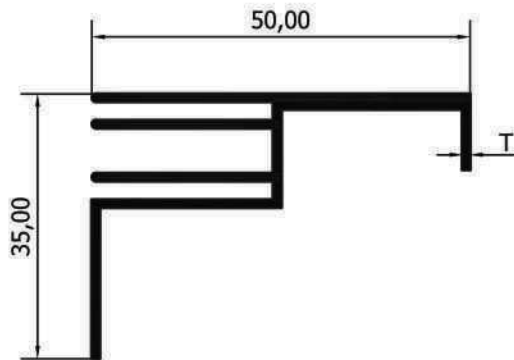
### 96007

T = 1.00 mm  
W = 0.277 Kg/m  
P = 148.425 mm



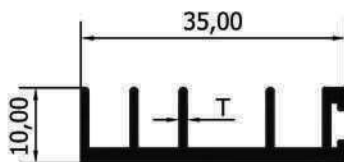
### 96008

T = 1.00 mm  
W = 0.331 Kg/m  
P = 166.719 mm



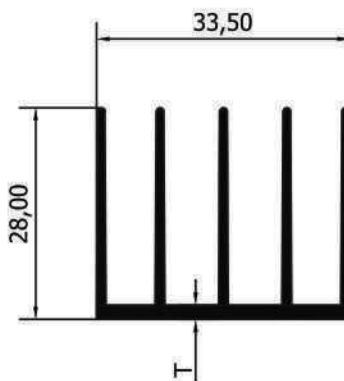
### 96009

T = 1.00 mm  
W = 0.577 Kg/m  
P = 376.283 mm



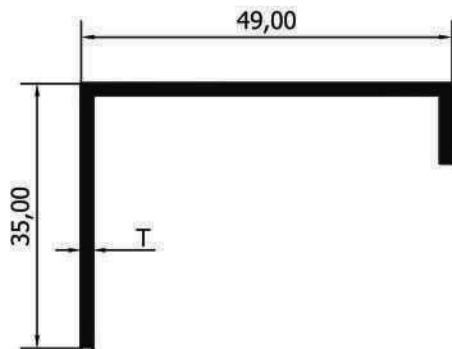
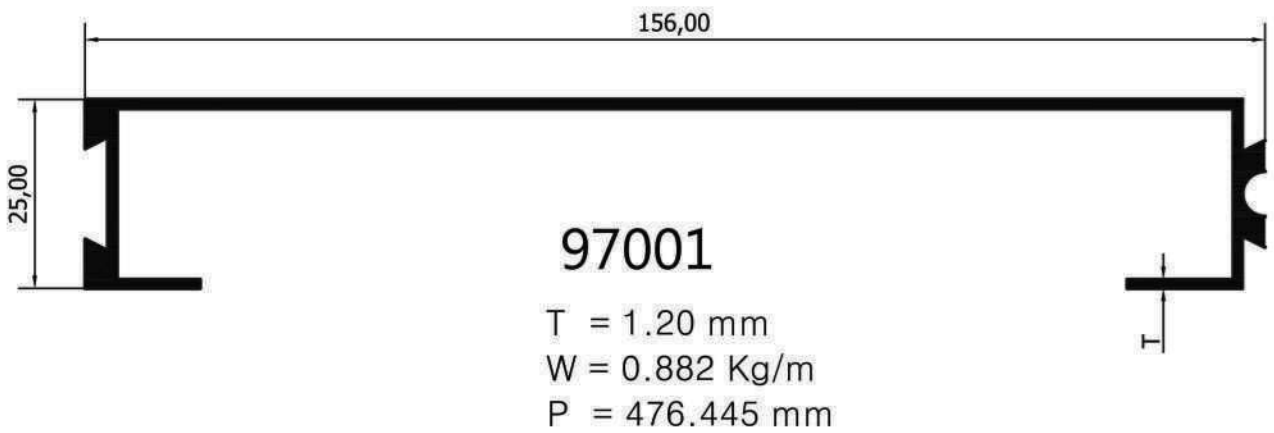
### 96010

T = 1.00 mm  
W = 0.313 Kg/m  
P = 159.253 mm



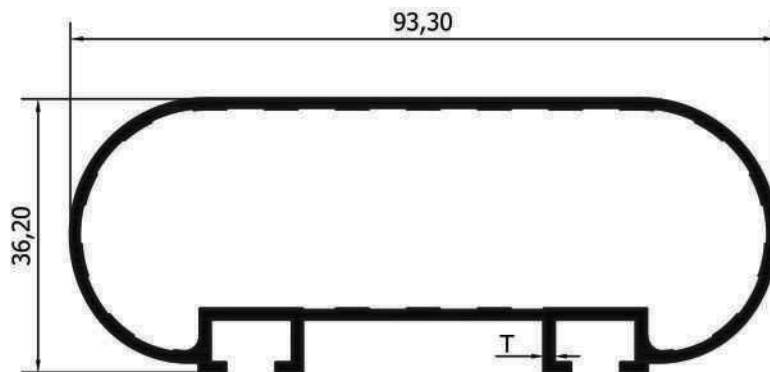
### 96012

T = 1.90 mm  
W = 0.568 Kg/m  
P = 328.400 mm



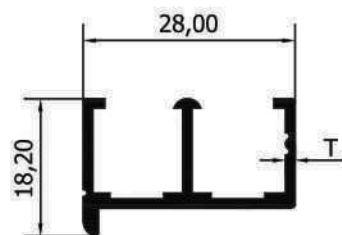
## 97003

T = 1.50 mm  
W = 0.372 Kg/m  
P = 186.000 mm



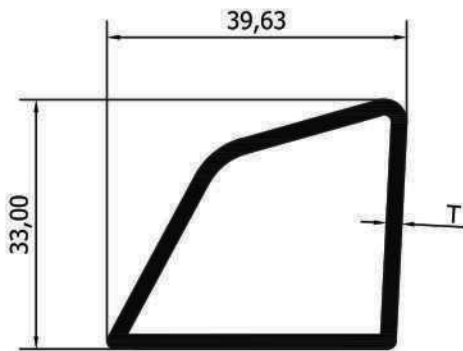
## 97005

T = 1.30 mm  
W = 0.861 Kg/m  
P = 526.165 mm



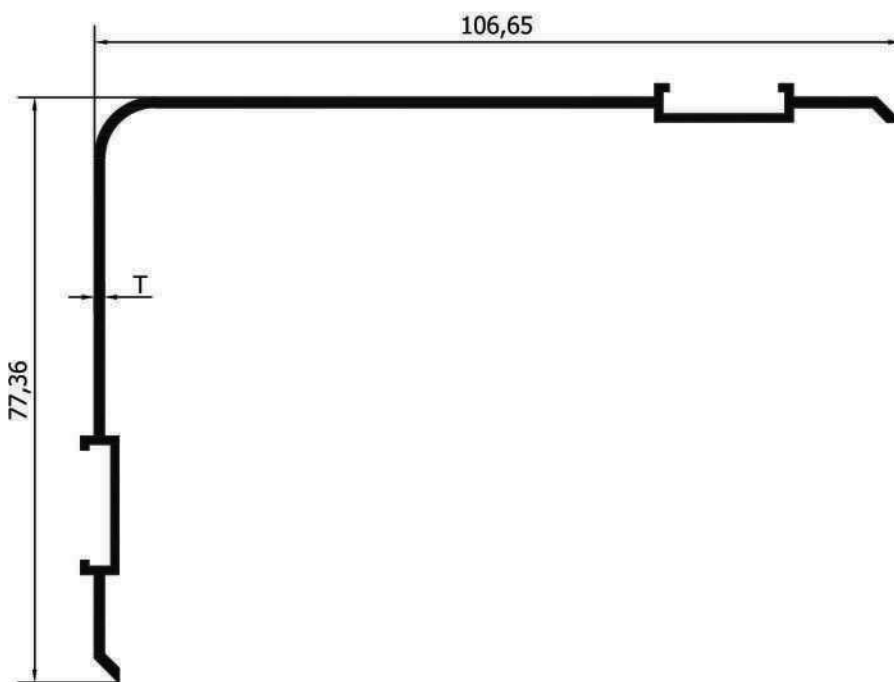
## 97006

T = 1.25 mm  
W = 0.279 Kg/m  
P = 154.561 mm



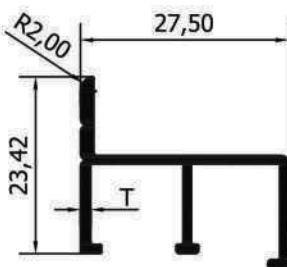
**97007**

T = 2.00 mm  
W = 0.644 Kg/m  
P = 236.774 mm



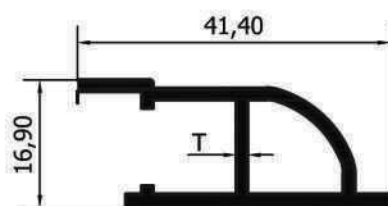
**97009**

T = 1.30 mm  
W = 0.656 Kg/m  
P = 400.585 mm



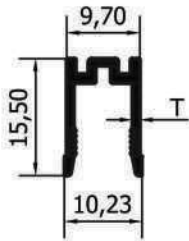
**97011**

T = 1.35 mm  
W = 0.272 Kg/m  
P = 159.417 mm

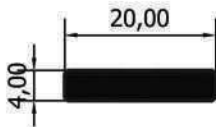


**98061**

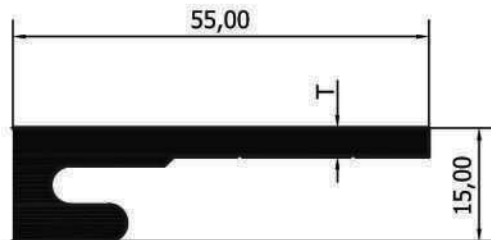
T = 1.50 mm  
W = 0.410 Kg/m  
P = 189.865 mm

**98050**

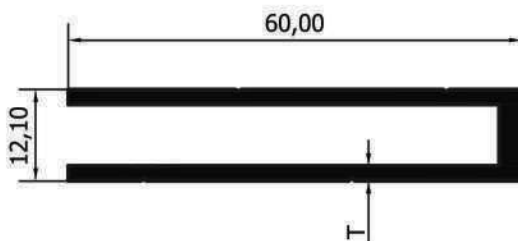
T = 1.00 mm  
W = 0.126 Kg/m  
P = 88.377 mm

**98054**

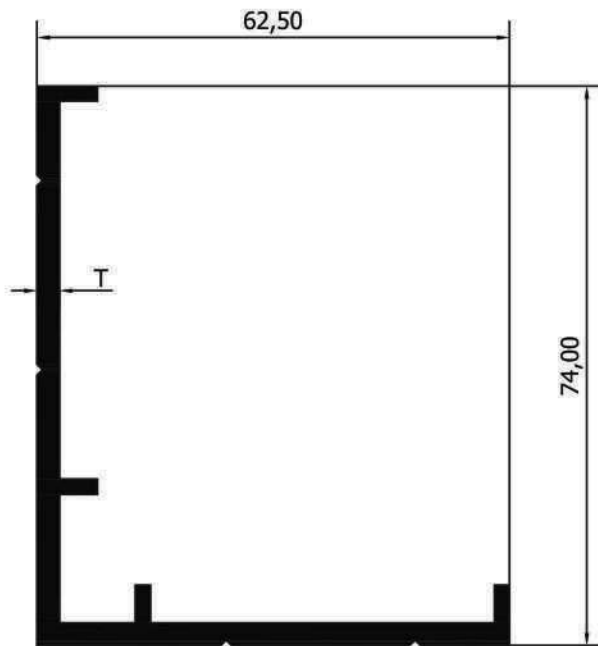
T = 4.00 mm  
W = 0.215 Kg/m  
P = 46.828 mm

**98055**

T = 3.80 mm  
W = 0.899 Kg/m  
P = 155.459 mm

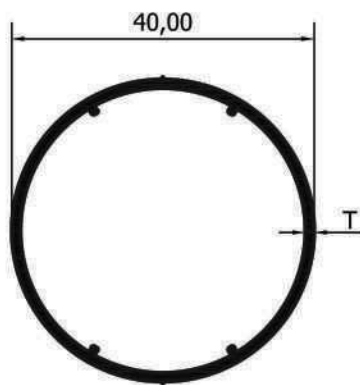
**98056**

T = 2.00 mm  
W = 0.715 Kg/m  
P = 259.108 mm



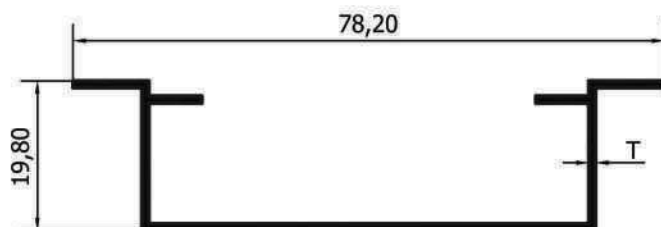
**98057**

T = 3.00 mm  
W = 1.188 Kg/m  
P = 314.885 mm



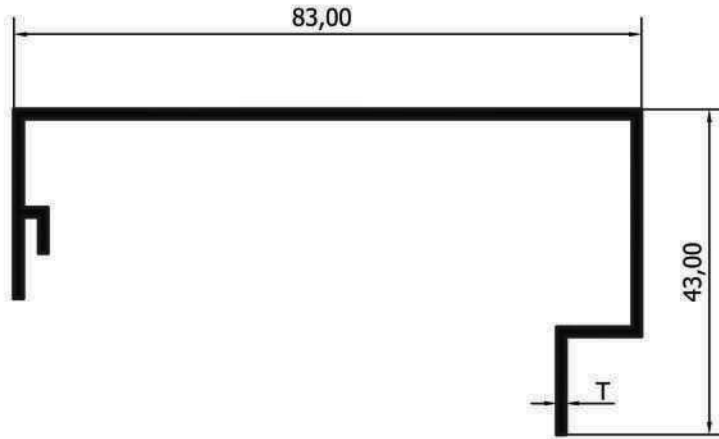
**98058**

T = 1.20 mm  
W = 0.406 Kg/m  
P = 251.385 mm



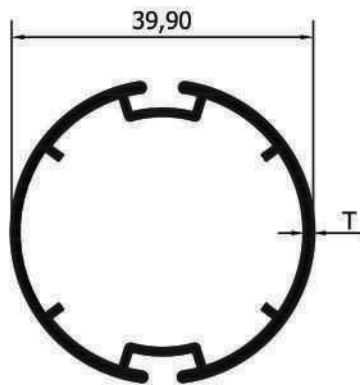
**98059**

T = 0.90 mm  
W = 0.317 Kg/m  
P = 261.800 mm



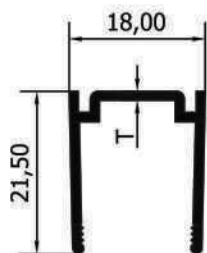
**98060**

T = 1.20 mm  
W = 0.542 Kg/m  
P = 335.800 mm



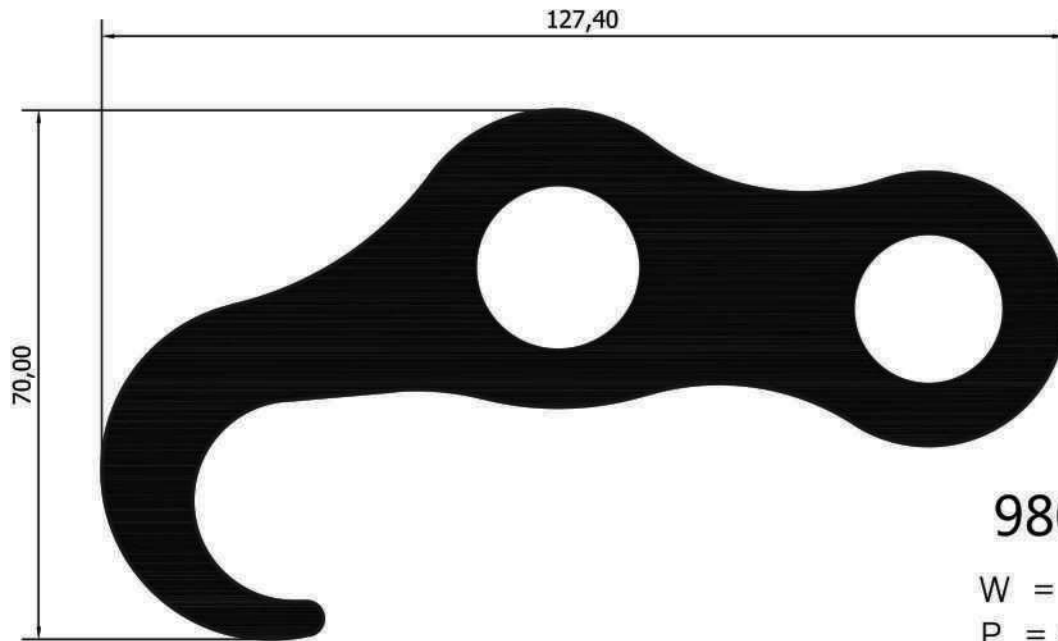
**98065**

T = 1.20 mm  
W = 0.445 Kg/m  
P = 298.934 mm



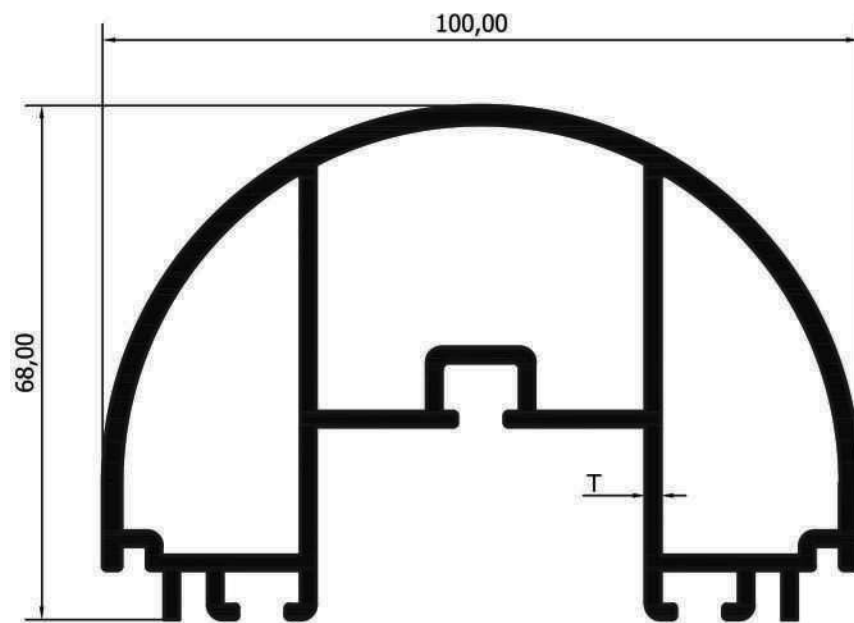
**98066**

T = 1.20 mm  
W = 0.206 Kg/m  
P = 131.468 mm



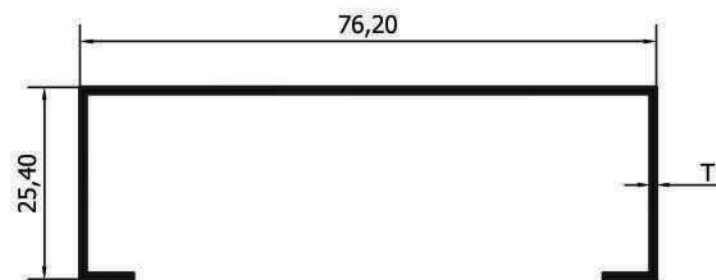
**98067**

W = 8.133 Kg/m  
P = 498.753 mm



**98068**

T = 2.00 mm  
W = 2.649 Kg/m  
P = 875.648 mm

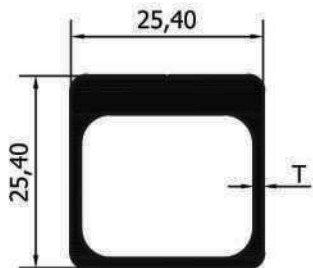


**98069**

T = 0.80 mm  
W = 0.298 Kg/m  
P = 277.200 mm

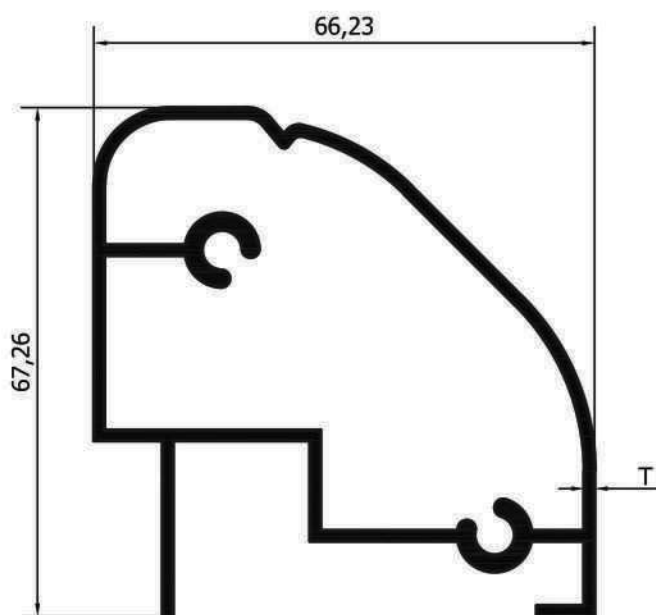
105

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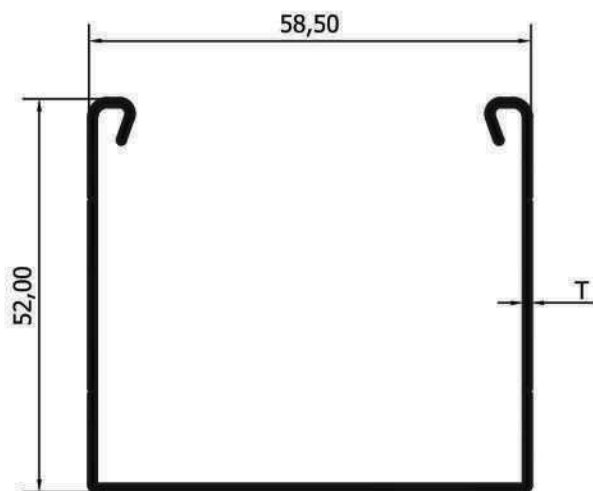
**98070**

T = 1.20 mm  
W = 0.579 Kg/m  
P = 175.948 mm



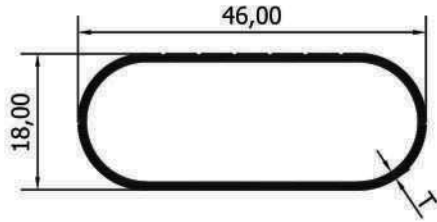
**98071**

T = 1.40 mm  
W = 1.208 Kg/m  
P = 591.590 mm



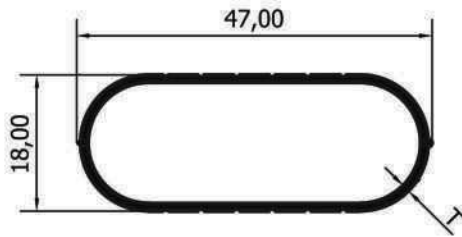
**98072**

T = 1.00 mm  
W = 0.479 Kg/m  
P = 356.878 mm



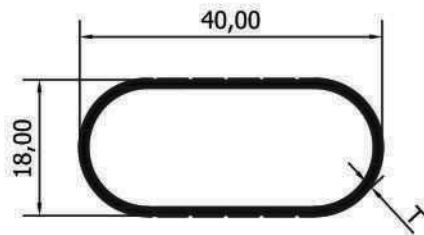
**98073**

T = 1.00 mm  
W = 0.294 Kg/m  
P = 220.920 mm



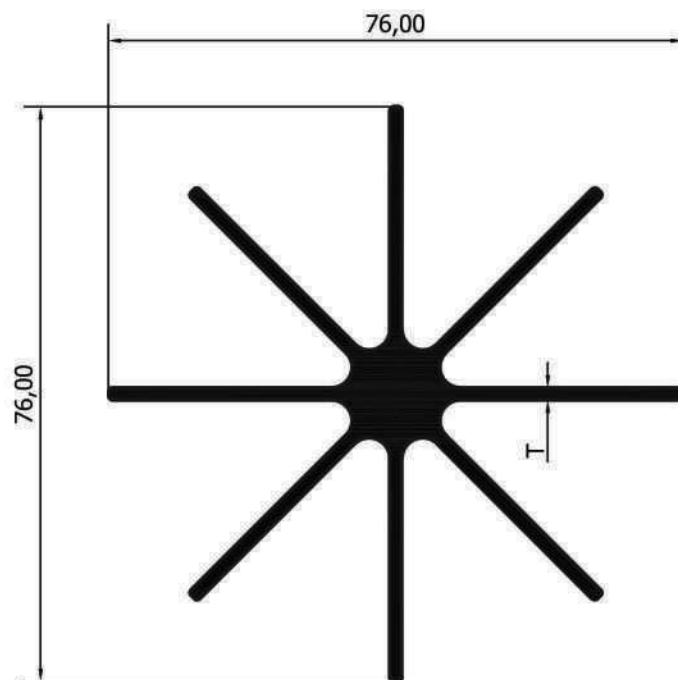
**98042**

T = 1.00 mm  
W = 0.293 Kg/m  
P = 222.112 mm



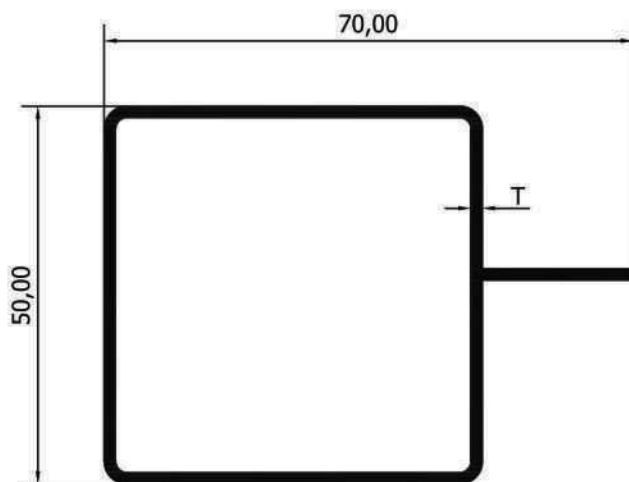
**98074**

T = 1.00 mm  
W = 0.260 Kg/m  
P = 196.565 mm

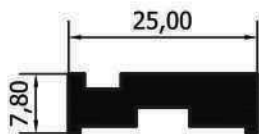


**98075**

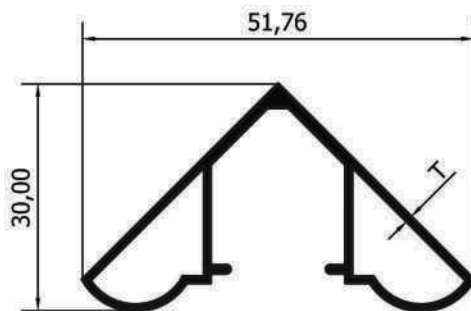
T = 1.60 mm  
W = 1.482 Kg/m  
P = 532.382 mm

**98076**

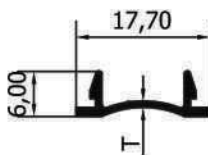
T = 1.50 mm  
W = 0.854 Kg/m  
P = 420.274 mm

**98078**

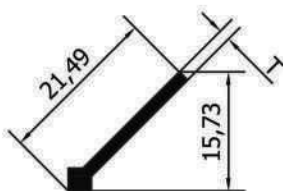
T = 7.80 mm  
W = 0.400 Kg/m  
P = 76.400 mm

**98079**

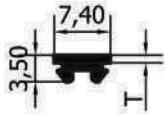
T = 0.80 mm  
W = 0.350 Kg/m  
P = 284.781 mm

**98080**

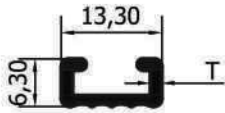
T = 0.80 mm  
W = 0.076 Kg/m  
P = 58.359 mm

**98081**

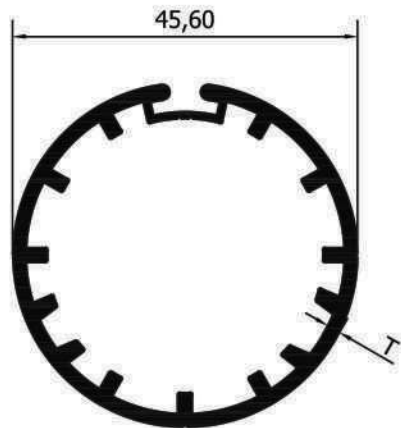
T = 1.50 mm  
W = 0.096 Kg/m  
P = 47.379 mm

**98088**

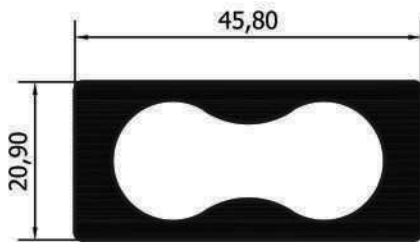
T = 1.00 mm  
W = 0.048 Kg/m  
P = 24.743 mm

**98089**

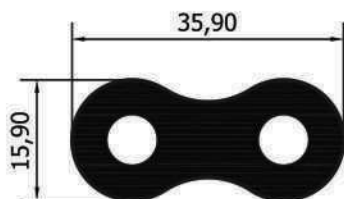
T = 1.50 mm  
W = 0.099 Kg/m  
P = 53.351 mm

**98091**

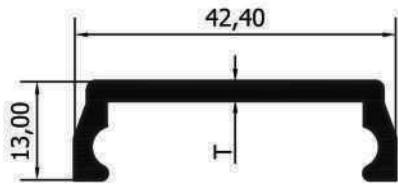
T = 1.80 mm  
W = 0.892 Kg/m  
P = 363.118 mm

**98092**

W = 1.334 Kg/m  
P = 224.545 mm

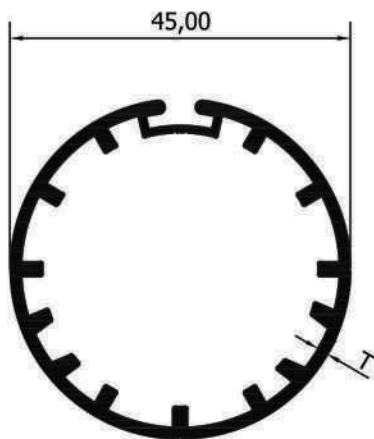
**98093**

W = 1.024 Kg/m  
P = 136.215 mm



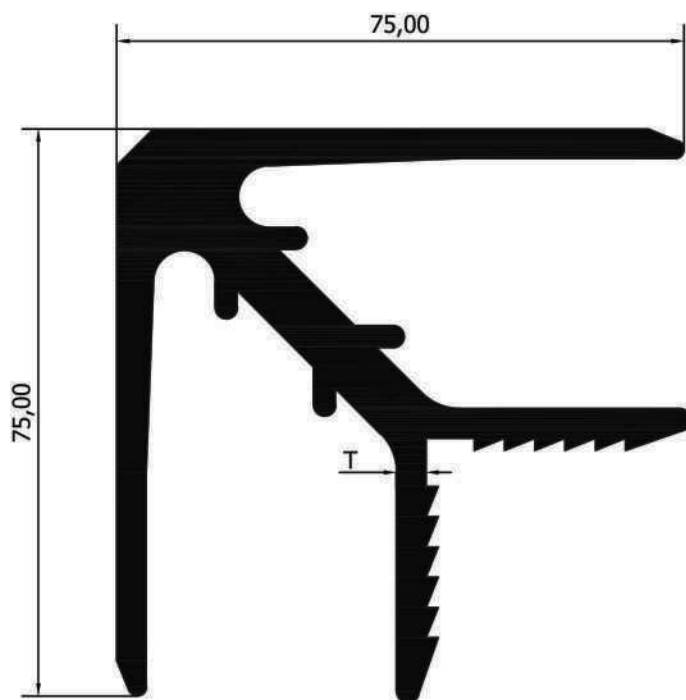
**98094**

T = 2.50 mm  
W = 0.425 Kg/m  
P = 131.088 mm



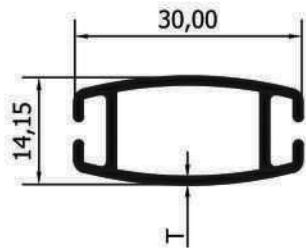
**98082**

T = 1.50 mm  
W = 0.780 Kg/m  
P = 360.896 mm



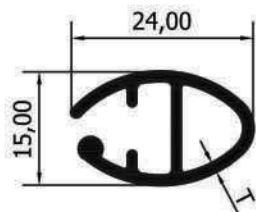
**98083**

T = 3.90 mm  
W = 3.725 Kg/m  
P = 545.091 mm



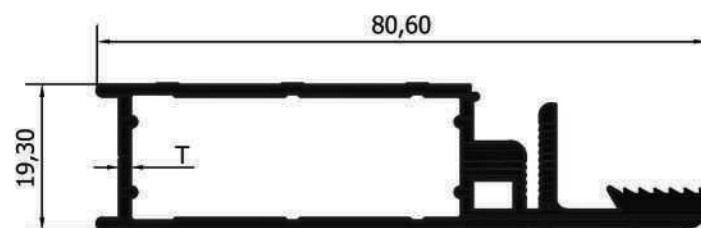
**98084**

T = 0.90 mm  
W = 0.231 Kg/m  
P = 179.786 mm



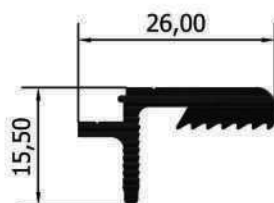
**98085**

T = 1.20 mm  
W = 0.238 Kg/m  
P = 142.161 mm



**98086**

T = 1.40 mm  
W = 0.968 Kg/m  
P = 391.281 mm



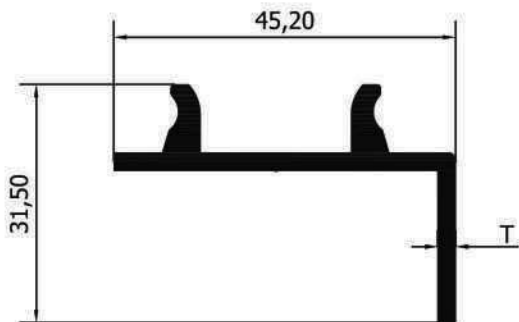
**98087**

W = 0.321 Kg/m  
P = 95.914 mm



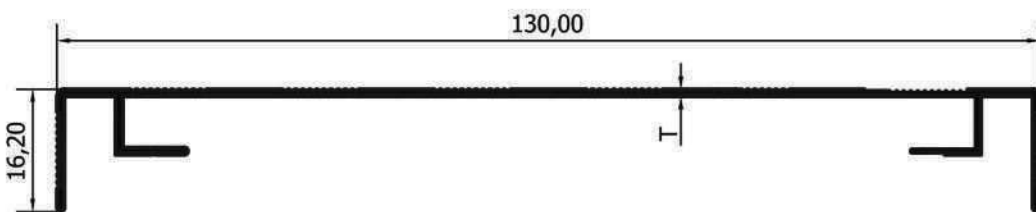
**98095**

T = 1.20 mm  
W = 0.183 Kg/m  
P = 119.551 mm



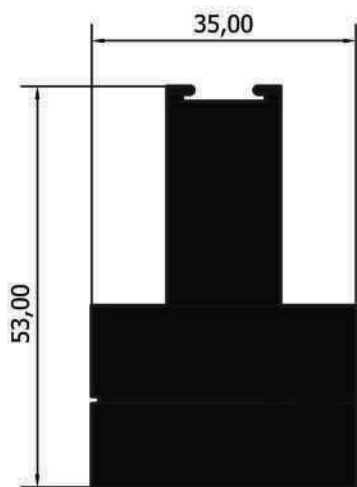
**98096**

T = 2.40 mm  
W = 0.600 Kg/m  
P = 167.764 mm



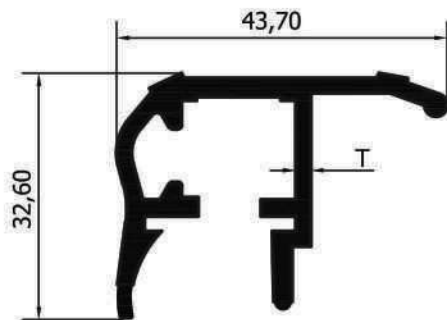
**98097**

T = 1.00 mm  
W = 0.493 Kg/m  
P = 399.657 mm



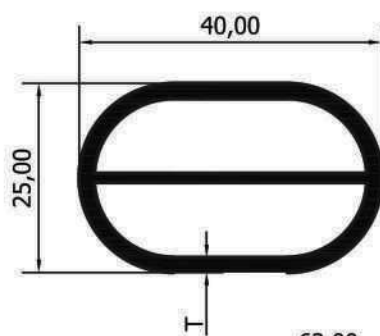
**98098**

W = 3.400 Kg/m  
P = 186.712 mm



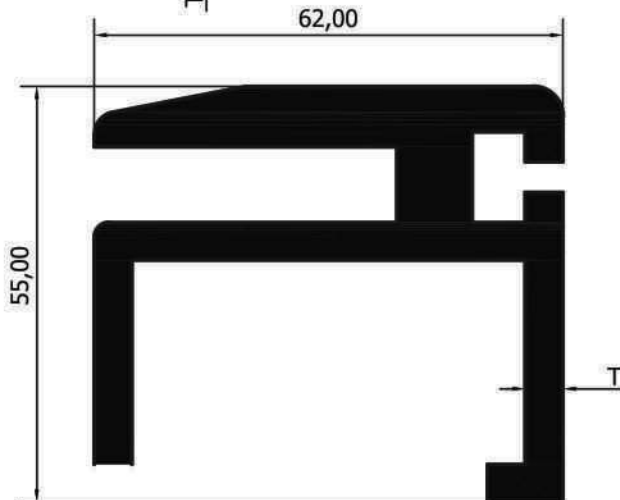
**98099**

T = 2.00 mm  
W = 0.742 Kg/m  
P = 243.117 mm



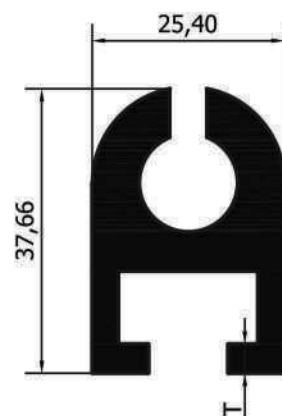
**98100**

T = 2.00 mm  
W = 0.671 Kg/m  
P = 274.043 mm



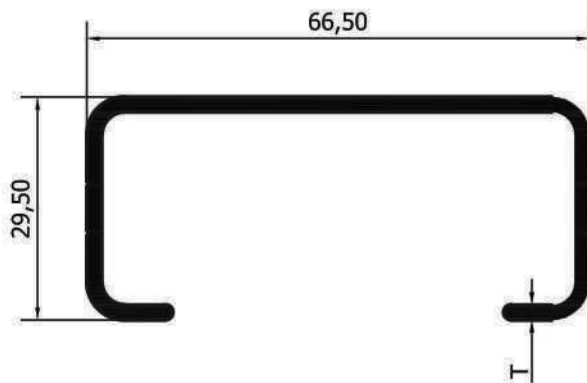
**98101**

T = 5.00 mm  
W = 3.245 Kg/m  
P = 411.102 mm



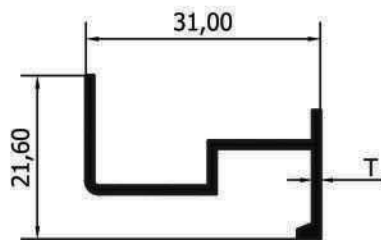
**98102**

T = 3.90 mm  
W = 1.388 Kg/m  
P = 202.266 mm



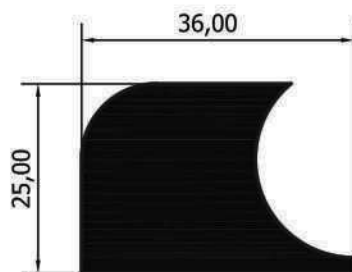
**98103**

T = 2.00 mm  
W = 0.720 Kg/m  
P = 270.143 mm



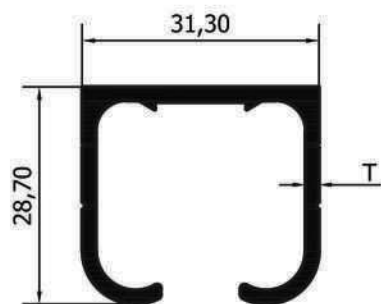
**98104**

T = 1.00 mm  
W = 0.190 Kg/m  
P = 139.610 mm



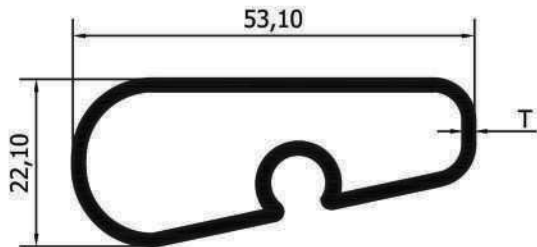
**98105**

T = 25.00 mm  
W = 1.707 Kg/m  
P = 118.231 mm



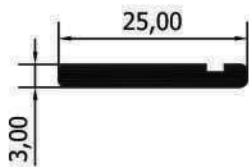
**98106**

T = 1.80 mm  
W = 0.505 Kg/m  
P = 197.800 mm



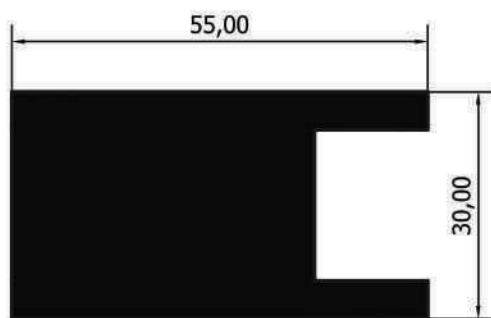
**98109**

T = 1.50 mm  
W = 0.571 Kg/m  
P = 276.815 mm



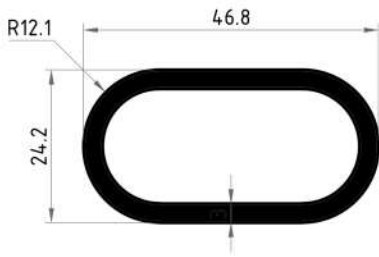
**98110**

T = 3.00 mm  
W = 0.194 Kg/m  
P = 56.283 mm



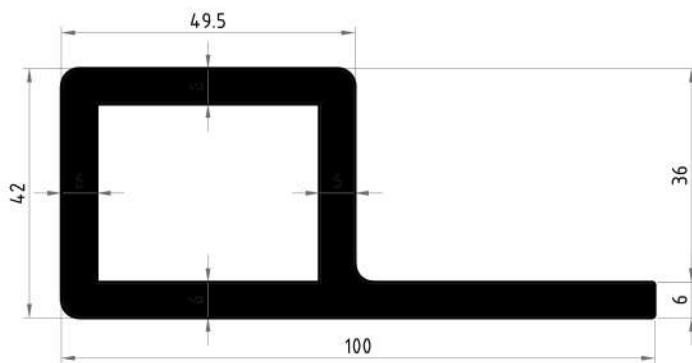
**98115**

T = 30.00 mm  
W = 3.658 Kg/m  
P = 200.000 mm



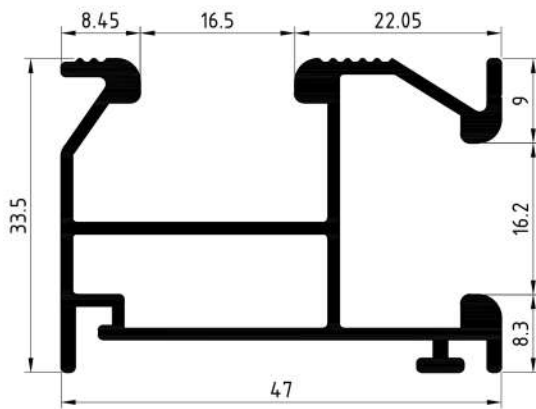
**97102**

T = 3.00mm  
W = 0.916 Kg/m  
P = 223.604 mm



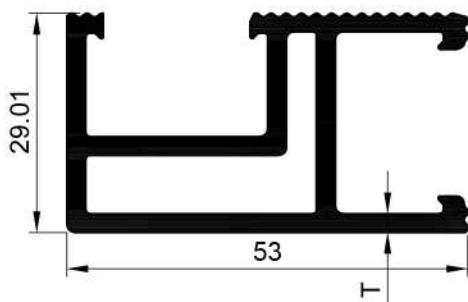
**97103**

T = 6.00mm  
W = 3.421 Kg/m  
P = 413.420 mm



**98182**

T = 1.20mm  
W = 0.747 Kg/m  
P = 378.735 mm



**98184**

T = 2.50 mm  
W = 1.214 Kg/m  
P = 359.984 mm

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