



## Pre-Galvanized ERW Tubes & Profiles

Mid Metal, we bring high-quality galvanized steel into the right shape. Thanks to our comprehensive state-of-the-art machinery and the know-how of our employees, we can implement almost all solutions required today and ensure the highest quality by carrying out our own tests.

Our galvanized tubes and profiles are used in scaffolding, traffic engineering, solar technology, fence technology and agricultural engineering.

### Quality:

Steel gradeS DX51D+Z S220GD+Z, S250GD+Z, S280GD+Z, S320GD+Z, S350GD+Z, S420GD+Z according to EN10346

### To our standard portfolio:

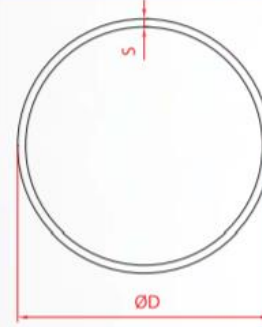
- Square tubes
- Round tubes
- Elliptical tubes
- Oval tubes

In addition, we specialize in the production of individual profiles according to customer drawings in a wide range of cross-sections and wall thicknesses with the narrowest tolerances. We manufacture profiles according to individual customer drawings.

### Applications:

- Construction of Sheds, Shelters, Parking, Roof Panels And Shelter Panels
- Solar Energy Systems
- Lofts For Shops And Warehouses, Support Systems
- Frames for Coating of Building Facades, Roof Casing Frames, Roof Purlins, Frames for Tile Roofs
- Fences and Doors for Fencing, Gratings for Area Separation, Grates and Protection Panels, House Railings, Storage Systems
- Agricultural and Greenhouse Applications

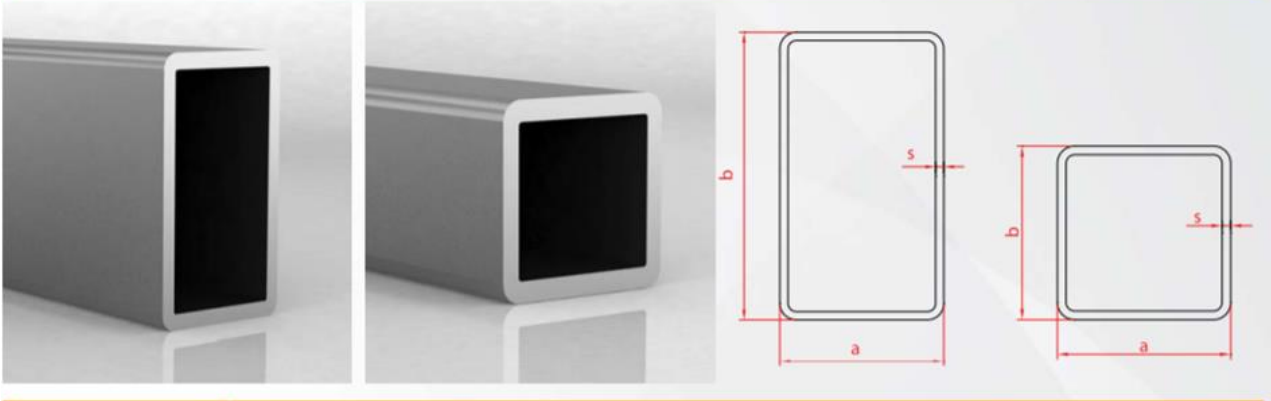
# Pre-Galvanized ERW Tubes & Profiles

**BORU PROFİLLER**
*Tube Profiles*

**ÖLÇÜLER**
*Dimensions*
**[S] SAC KALINLIĞI / Thickness [mm]**

| DIŞ ÇAP<br>d (mm) | 0,50                  | 0,60  | 0,70  | 0,80  | 0,90  | 1,00  | 1,20  | 1,50  | 2,00  | 2,50   | 3,00   | 3,50   | 4,00   | 5,00   | 6,00   | 8,00   |
|-------------------|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|
|                   | AĞIRLIK / Weight Kg/m |       |       |       |       |       |       |       |       |        |        |        |        |        |        |        |
| 10                | 0,126                 | 0,151 | 0,176 | 0,201 | 0,226 | 0,251 |       |       |       |        |        |        |        |        |        |        |
| 12                | 0,149                 | 0,179 | 0,209 | 0,239 | 0,268 | 0,298 |       |       |       |        |        |        |        |        |        |        |
| 13                | 0,161                 | 0,193 | 0,225 | 0,257 | 0,290 | 0,322 | 0,377 |       |       |        |        |        |        |        |        |        |
| 14                | 0,173                 | 0,207 | 0,242 | 0,276 | 0,311 | 0,345 | 0,405 | 0,506 |       |        |        |        |        |        |        |        |
| 16                | 0,196                 | 0,236 | 0,275 | 0,314 | 0,353 | 0,393 | 0,462 | 0,565 | 0,754 |        |        |        |        |        |        |        |
| 17                | 0,208                 | 0,250 | 0,291 | 0,333 | 0,374 | 0,416 | 0,490 | 0,601 | 0,785 |        |        |        |        |        |        |        |
| 18                | 0,224                 | 0,268 | 0,313 | 0,358 | 0,403 | 0,447 | 0,528 | 0,648 | 0,848 |        |        |        |        |        |        |        |
| 20                | 0,247                 | 0,297 | 0,346 | 0,396 | 0,445 | 0,495 | 0,584 | 0,730 | 0,958 |        |        |        |        |        |        |        |
| 21                | 0,259                 | 0,311 | 0,363 | 0,414 | 0,466 | 0,518 | 0,612 | 0,742 | 0,989 |        |        |        |        |        |        |        |
| 22                | 0,271                 | 0,325 | 0,379 | 0,433 | 0,487 | 0,542 | 0,650 | 0,801 | 1,068 |        |        |        |        |        |        |        |
| 23,5              | 0,290                 | 0,349 | 0,407 | 0,465 | 0,523 | 0,581 | 0,697 | 0,860 | 1,146 |        |        |        |        |        |        |        |
| 25                | 0,310                 | 0,372 | 0,434 | 0,496 | 0,558 | 0,612 | 0,735 | 0,918 | 1,225 |        |        |        |        |        |        |        |
| 27                | 0,330                 | 0,396 | 0,462 | 0,528 | 0,593 | 0,659 | 0,791 | 0,977 | 1,303 |        |        |        |        |        |        |        |
| 28                | 0,345                 | 0,414 | 0,484 | 0,553 | 0,622 | 0,691 | 0,829 | 1,024 | 1,366 |        |        |        |        |        |        |        |
| 28,6              | 0,353                 | 0,424 | 0,495 | 0,565 | 0,636 | 0,707 | 0,838 | 1,036 | 1,382 |        |        |        |        |        |        |        |
| 30                | 0,369                 | 0,443 | 0,517 | 0,590 | 0,664 | 0,738 | 0,885 | 1,095 | 1,460 |        |        |        |        |        |        |        |
| 32                | 0,389                 | 0,466 | 0,544 | 0,622 | 0,699 | 0,769 | 0,923 | 1,154 | 1,539 |        |        |        |        |        |        |        |
| 34                | 0,396                 | 0,476 | 0,555 | 0,634 | 0,714 | 0,793 | 0,942 | 1,178 | 1,570 |        |        |        |        |        |        |        |
| 35                | 0,420                 | 0,504 | 0,588 | 0,672 | 0,756 | 0,840 | 1,008 | 1,248 | 1,664 |        |        |        |        |        |        |        |
| 38                | 0,467                 | 0,560 | 0,654 | 0,747 | 0,841 | 0,934 | 1,112 | 1,389 | 1,853 |        |        |        |        |        |        |        |
| 40                |                       | 0,593 | 0,692 | 0,791 | 0,890 | 0,981 | 1,178 | 1,460 | 1,915 |        |        |        |        |        |        |        |
| 42                |                       |       |       | 0,816 | 0,918 | 1,021 | 1,215 | 1,507 | 2,010 |        |        |        |        |        |        |        |
| 45                |                       |       |       | 0,873 | 0,982 | 1,091 | 1,309 | 1,625 | 2,167 |        |        |        |        |        |        |        |
| 48                |                       |       |       | 0,942 | 1,060 | 1,178 | 1,413 | 1,743 | 2,324 | 2,905  | 3,462  |        |        |        |        |        |
| 51                |                       |       |       |       | 1,102 | 1,217 | 1,451 | 1,813 | 2,418 | 3,022  | 3,603  |        |        |        |        |        |
| 54                |                       |       |       |       |       | 1,303 | 1,554 | 1,943 | 2,575 | 3,219  | 3,839  |        |        |        |        |        |
| 57                |                       |       |       |       |       | 1,397 | 1,677 | 2,096 | 2,779 | 3,454  | 4,121  |        |        |        |        |        |
| 60                |                       |       |       |       |       | 1,460 | 1,752 | 2,190 | 2,920 | 3,631  | 4,357  |        |        |        |        |        |
| 63                |                       |       |       |       |       |       |       | 2,296 | 3,062 | 3,807  | 4,545  |        |        |        |        |        |
| 70                |                       |       |       |       |       |       |       | 2,543 | 3,391 | 4,219  | 5,040  | 5,880  | 6,688  |        |        |        |
| 76                |                       |       |       |       |       |       |       |       | 3,690 | 4,612  | 5,511  | 6,402  | 7,285  |        |        |        |
| 82                |                       |       |       |       |       |       |       |       | 4,004 | 5,004  | 5,982  | 6,979  | 7,944  |        |        |        |
| 89                |                       |       |       |       |       |       |       |       | 4,318 | 5,397  | 6,453  | 7,528  | 8,572  |        |        |        |
| 94                |                       |       |       |       |       |       |       |       | 4,632 | 5,789  | 6,924  | 8,078  | 9,200  |        |        |        |
| 102               |                       |       |       |       |       |       |       |       | 4,946 | 6,182  | 7,395  | 8,627  | 9,828  |        |        |        |
| 114               |                       |       |       |       |       |       |       |       | 5,574 | 6,967  | 8,337  | 9,726  | 11,084 |        |        |        |
| 127               |                       |       |       |       |       |       |       |       | 6,202 | 7,752  | 9,279  | 10,825 | 12,340 | 15,386 | 18,416 | 24,429 |
| 139               |                       |       |       |       |       |       |       |       | 6,814 | 8,517  | 10,197 | 11,897 | 13,565 | 16,917 | 20,253 | 26,878 |
| 152               |                       |       |       |       |       |       |       |       | 7,442 | 9,302  | 11,139 | 12,996 | 14,821 | 18,487 | 22,137 | 29,390 |
| 159               |                       |       |       |       |       |       |       |       | 7,772 | 9,714  | 11,634 | 13,573 | 15,480 | 19,311 | 23,126 | 30,709 |
| 168               |                       |       |       |       |       |       |       |       | 8,211 | 10,264 | 12,293 | 14,342 | 16,359 | 20,410 | 24,445 | 32,468 |

# Pre-Galvanized ERW Tubes & Profiles

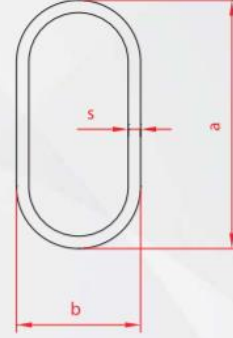
## DİKDÖRTGEN ve KARE PROFİLLER *Rectengular & Square Profiles*



| ÖLÇÜLER / Dimensions  |         | (S) SAC KALINLIĞI / Thickness (mm) |       |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
|-----------------------|---------|------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--|
| DIŞ ÇAP<br>a x b (mm) |         | 0,50                               | 0,60  | 0,70  | 0,80  | 0,90  | 1,00  | 1,20  | 1,50  | 2,00  | 2,50   | 3,00   | 4,00   | 5,00   | 6,00   | 8,00   |  |
|                       |         | AĞIRLIK / Weight Kg/m              |       |       |       |       |       |       |       |       |        |        |        |        |        |        |  |
| 10x10                 |         | 0,161                              | 0,193 | 0,225 | 0,257 | 0,290 | 0,322 | 0,386 |       |       |        |        |        |        |        |        |  |
| 12x12                 |         | 0,188                              | 0,226 | 0,264 | 0,301 | 0,339 | 0,377 | 0,452 | 0,565 |       |        |        |        |        |        |        |  |
| 12,7x12,7             |         | 0,196                              | 0,236 | 0,275 | 0,314 | 0,353 | 0,393 | 0,471 | 0,589 |       |        |        |        |        |        |        |  |
| 10x20                 | 15x15   | 0,236                              | 0,283 | 0,330 | 0,377 | 0,424 | 0,471 | 0,565 | 0,695 |       |        |        |        |        |        |        |  |
| 10x30                 | 15x25   | 20x20                              | 0,310 | 0,372 | 0,434 | 0,496 | 0,558 | 0,620 | 0,744 | 0,918 | 1,225  |        |        |        |        |        |  |
| 20x30                 | 25x25   | 11x40                              | 0,389 | 0,466 | 0,544 | 0,622 | 0,699 | 0,777 | 0,933 | 1,154 | 1,539  |        |        |        |        |        |  |
| 20x40                 | 30x30   |                                    | 0,467 | 0,560 | 0,654 | 0,747 | 0,841 | 0,934 | 1,121 | 1,389 | 1,853  |        |        |        |        |        |  |
| 25x40                 |         |                                    |       | 0,709 | 0,810 | 0,911 | 1,013 | 1,215 | 1,507 | 2,010 |        |        |        |        |        |        |  |
| 30x40                 | 35x35   |                                    |       | 0,764 | 0,873 | 0,982 | 1,091 | 1,300 | 1,625 | 2,167 | 2,689  | 3,226  |        |        |        |        |  |
| 30x50                 | 40x40   |                                    |       | 0,868 | 0,992 | 1,116 | 1,225 | 1,470 | 1,825 | 2,434 | 3,022  | 3,627  | 4,804  |        |        |        |  |
| 30x60                 | 40x50   | 45x45                              |       | 0,967 | 1,105 | 1,243 | 1,382 | 1,658 | 2,061 | 2,748 | 3,415  | 4,098  | 5,432  |        |        |        |  |
| 40x60                 | 50x50   | 30x70                              |       | 1,077 | 1,231 | 1,385 | 1,539 | 1,846 | 2,296 | 3,062 | 3,807  | 4,569  | 6,060  |        |        |        |  |
| 40x80                 | 50x70   | 60x60                              |       | 1,297 | 1,482 | 1,667 | 1,853 | 2,223 | 2,767 | 3,690 | 4,592  | 5,511  | 7,316  |        |        |        |  |
| 60x80                 | 70x70   |                                    |       | 1,517 | 1,733 | 1,950 | 2,167 | 2,600 | 3,238 | 4,318 | 5,377  | 6,453  | 8,572  |        |        |        |  |
| 50x100                |         |                                    |       |       |       |       |       |       | 3,462 | 4,616 | 5,770  | 6,900  | 9,200  |        |        |        |  |
| 60x100                | 80x80   |                                    |       |       |       |       |       |       | 3,709 | 4,946 | 6,182  | 7,395  | 9,828  |        |        |        |  |
| 60x120                |         |                                    |       |       |       |       |       |       |       | 5,526 | 6,888  | 8,243  | 10,990 |        |        |        |  |
| 80x120                | 100x100 |                                    |       |       |       |       |       |       | 4,628 | 6,154 | 7,693  | 9,208  | 12,246 | 15,268 | 18,275 | 24,241 |  |
| 80x140                | 110x110 |                                    |       |       |       |       |       |       |       | 6,814 | 8,517  | 10,197 | 13,565 | 16,917 | 20,253 | 26,941 |  |
| 120x120               | 80x160  |                                    |       |       |       |       |       |       |       | 7,458 | 9,322  | 11,163 | 14,852 | 18,526 | 22,184 | 29,453 |  |
| 100x150               |         |                                    |       |       |       |       |       |       |       | 7,756 | 9,695  | 11,610 | 15,449 | 19,272 | 23,079 | 30,646 |  |
| 150x150               | 100x200 |                                    |       |       |       |       |       |       |       | 9,326 | 11,657 | 13,965 | 18,589 | 23,197 | 27,789 | 36,926 |  |

# Pre-Galvanized ERW Tubes & Profiles

## OVAL VE ELİPS PROFİLLER *Oval & Ellipse Profiles*



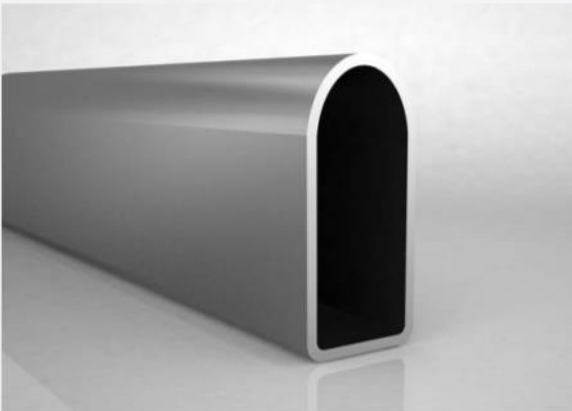
| ÖLÇÜLER<br>Dimensions | (S) SAC KALINLIĞI / Thickness (mm) |       |       |       |       |       |       |
|-----------------------|------------------------------------|-------|-------|-------|-------|-------|-------|
|                       | 0,80                               | 0,90  | 1,00  | 1,20  | 1,50  | 2,00  | 3,00  |
| a x b (mm)            | AĞIRLIK / Weight Kg/m              |       |       |       |       |       |       |
| 14x8                  | 0,239                              | 0,268 | 0,298 | 0,358 | 0,447 |       |       |
| 16x8                  | 0,257                              | 0,290 | 0,322 | 0,386 | 0,483 |       |       |
| 20x10                 | 0,314                              | 0,353 | 0,393 | 0,471 | 0,577 | 0,769 |       |
| 25x15                 | 0,414                              | 0,466 | 0,518 | 0,622 | 0,777 | 1,005 |       |
| 30x10                 | 0,433                              | 0,487 | 0,542 | 0,650 | 0,812 | 1,036 |       |
| 30x15                 | 0,490                              | 0,551 | 0,612 | 0,735 | 0,918 | 1,225 |       |
| 30x70                 |                                    | 1,258 | 1,397 | 1,677 | 2,096 | 2,795 | 4,192 |
| 35x15                 | 0,553                              | 0,622 | 0,691 | 0,829 | 1,036 | 1,382 |       |
| 35x20                 | 0,590                              | 0,664 | 0,738 | 0,885 | 1,107 | 1,476 |       |
| 40x20                 | 0,653                              | 0,735 | 0,816 | 0,980 | 1,213 | 1,601 |       |

Yukarıda belirtilen ölçüler dışındaki siparişleriniz için bizim ile irtibat kurunuz.  
Please contact us for your orders except for the mentioned measures above.

| ÖLÇÜLER<br>Dimensions | (S) SAC KALINLIĞI / Thickness (mm) |       |       |       |       |       |       |
|-----------------------|------------------------------------|-------|-------|-------|-------|-------|-------|
|                       | 0,80                               | 0,90  | 1,00  | 1,20  | 1,50  | 2,00  | 3,00  |
| a x b (mm)            | AĞIRLIK / Weight Kg/m              |       |       |       |       |       |       |
| 45x15                 | 0,685                              | 0,770 | 0,856 | 1,027 | 1,272 | 1,680 |       |
| 48x20                 | 0,747                              | 0,841 | 0,934 | 1,112 | 1,389 | 1,853 |       |
| 50x20                 | 0,772                              | 0,869 | 0,966 | 1,159 | 1,448 | 1,915 |       |
| 50x25                 |                                    | 0,904 | 1,005 | 1,206 | 1,507 | 2,010 | 2,991 |
| 50x30                 |                                    | 0,904 | 1,005 | 1,206 | 1,507 | 2,010 | 2,991 |
| 55x25                 |                                    | 0,975 | 1,083 | 1,300 | 1,625 | 2,167 | 3,226 |
| 60x20                 |                                    | 0,975 | 1,083 | 1,300 | 1,625 | 2,167 |       |
| 60x30                 |                                    |       | 1,209 | 1,451 | 1,813 | 2,418 | 3,603 |
| 63x50                 |                                    |       | 1,413 | 1,696 | 2,120 | 2,826 | 4,215 |
| 68x50                 |                                    |       | 1,515 | 1,818 | 2,273 | 3,030 | 4,522 |
| 80x25                 |                                    |       |       | 1,752 | 2,190 | 2,920 | 4,380 |

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## D PROFİLLER *D Profiles*



| ÖLÇÜLER<br>Dimensions | (S) SAC KALINLIĞI / Thickness (mm) |      |       |       |       |       |       |       |
|-----------------------|------------------------------------|------|-------|-------|-------|-------|-------|-------|
|                       | 0,60                               | 0,70 | 0,80  | 0,90  | 1,00  | 1,20  | 1,50  | 2,00  |
| DIŞ ÇAP               |                                    |      |       |       |       |       |       |       |
| a x b (mm)            | AĞIRLIK / Weight Kg/m              |      |       |       |       |       |       |       |
| 30x20                 |                                    |      | 0,576 | 0,646 | 0,715 | 0,852 | 1,050 | 1,250 |
| 30x15                 |                                    |      | 0,528 | 0,593 | 0,659 | 0,791 | 0,989 | 1,287 |
| 30x40                 |                                    |      | 0,754 | 0,848 | 0,942 | 1,130 | 1,413 | 1,884 |
| 35x20                 |                                    |      | 0,615 | 0,69  | 0,764 | 0,912 | 1,120 | 1,340 |
| 40x20                 |                                    |      | 0,694 | 0,779 | 0,863 | 1,030 | 1,270 | 1,520 |
| 38x26                 |                                    |      | 0,747 | 0,841 | 0,934 | 1,112 | 1,389 | 1,853 |
| 40x30                 |                                    |      |       |       | 0,962 | 1,148 | 1,425 | 1,696 |
| 50x25                 |                                    |      |       |       | 1,083 | 1,300 | 1,625 | 2,167 |
| 60x50                 |                                    |      |       |       | 1,510 | 1,812 | 2,265 | 3,020 |

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