# Unlimited options in special profile production





















# Technical Laboratory & Research and Development (R&D)

We maintain our quality perspective by performing physical & chemical tests in our own in house laboratories and R&D center, from raw material to finished products.

# **Tooling**

The design and production of our molds and fixtures, that are using in every stage of the production, are produced by our own experienced technical team.







# **Magnelis®**

# The harshest environments need the toughest skin protection

Magnelis® is an exceptional, new metallic steel coating providing surface protection in a variety of applications against long-term wear and tear.

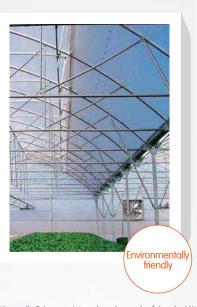
This unique coating offers a combination of attributes. Magnelis® provides:

The best corrosion resistance performance; up to 10 times better than galvanised steel

The best suited protection to withstand harsh environments

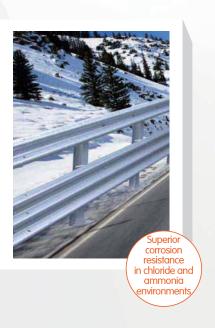
The most cost-effective alternative to the post-galvanised process

#### Magnelis® examples of applications









Magnelis® is a registered trade mark of ArcelorMittal. Greenhouse photo: Philippe Vandenameele Perforated plate and cowshed photos: Didier Bridoux. / Safety barrier: Tubosider Magnelis® samples Photographer: Jeroen Op de Beeck

Mekomag is made with ArcelorMittal's Magnelis® self-healing metallic coated steel



New improved MekoMag Profiles® are high strength roll-formed sections made from strip pre-coated with the innovative Magnelis® Coating, designed for improved corrosion resistance.



#### **Magnelis® Technology**

Magnelis® is produced on a conventional industrial hot dip galvanizing line. The steel substrate is dipped in a molten bath to apply a metallic zinc coating with a unique chemical composition comprising 3.5% aluminum and 3% magnesium. This 3% magnesium is crucial, as it creates a stable and durable layer across the entire surface, ensuring far more effective corrosion protection than coatings with a lower magnesium content. Comparative tests have shown that ArcelorMittal's Magnelis® offers significantly better performance than alternative European products.

#### **Magnelis® Durability**

The Magnelis® coating provides a smooth surface with a uniform coating thickness, purpose designed to perform in general, and construction applications.

Magnelis® is an exceptional, new metallic steel coating providing surface protection in a variety of applications against long term wear and tear.

This unique coating offers a combination of attributes.

- The best corrosion resistance performance; up to 10 times better than galvanized steel
- The best suited protection to withstand harsh environments
- The most cost-effective alternative to the post-galvanized process
- Magnelis® has a natural dark grey, spangle-free smooth aesthetic appearance.
- $\bullet$  Magnelis® is the optimal coating to protect against atmospheric corrosion,
  - it: Withstands the harshest of environments the destruction of coating that occurs in an ammonia environment is seven times less with Magnelis® than with a standard zinc coating and in highly alkaline environments (those with a pH between 10 and 13) Magnelis® corrosion resistance trumps other metallic coatings
- Protects exposed cut edges from corrosive reactions thanks to a thin zinc-based protective film with magnesium
- Guarantees a longer-lasting, active coating protection over time

#### Welding of Magnelis®

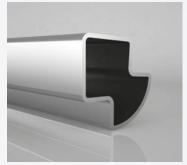
- · Most used welding processes are suitable with Magnelis® coating; GMAW, TIG, HFI, Spot, Laser, Plasma etc..
- Welding parameters for Magnelis® are similar to galvanized material welding parameters
- Despite lower coating thickness it provides the same corrosion resistance besides improved weldability.
- For corrosion protection it is necessary to re-apply over the welded point.





#### **Magnelis® Welding Protection**

- As with other coatings, Magnelis® coating can be damaged in the welding zone. Depending on the application, the corrosion resistance – thanks to the self-healing effect of Magnelis® coating can be sufficient. If not, measures can be taken to re-protect the weld zone.
- Re protection of weld via application of a layer of typically Al, Al/Zn (e.g. 85%/15%) or Zn which can be applied by Electric Arc Spraying and/or painting/brushing.





#### **Self-healing Property**

One of the most remarkable properties of Magnelis® is its ability to self-heal on cut edges. This is typically where corrosion begins.

A zinc-based protective film containing magnesium forms on the cut edge to protect it from the environment.

Magnelis® also demonstrates superior performance in industry-standard salt spray tests. Steels coated with Magnelis® showed no signs of corrosion weeks after other samples were completely corroded. Magnelis® performs more than three times better than galvanized steels.



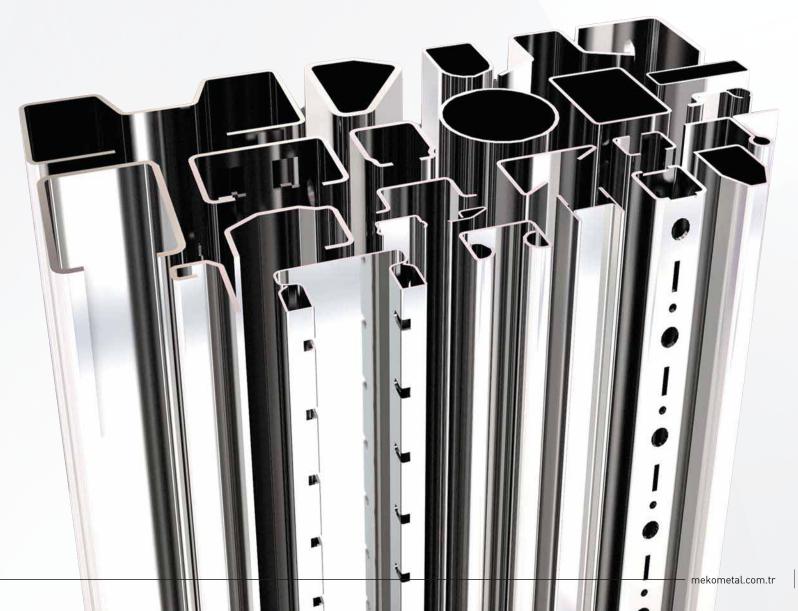


# **Magnelis® Excellent Workability**

Thanks to its highly resistant, adherent metallic layer, Magnelis® can be formed in a variety of methods, including bending, drawing, profiling etc. By decreasing the amount of metallic coating, while safeguarding corrosion resistance levels, spot welding is consequently improved. A protective oxide barrier covers the weld, preventing the development of red rust. Thinner coating facilitates processing and delivers substantial savings. Magnelis® performs three times better than standard galvanized steel, reduces powdering effect and loses less coating weight in processing tools.

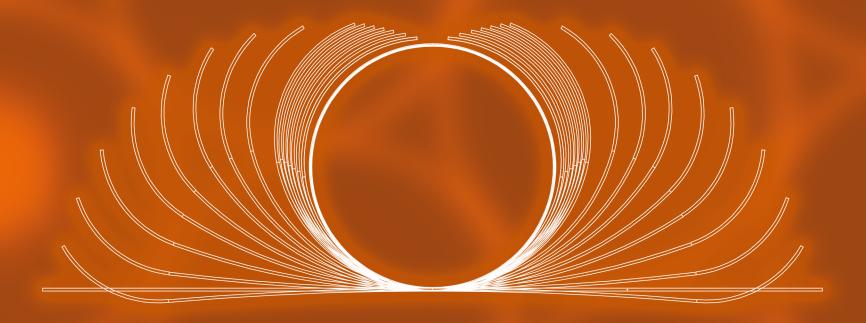
MekoMag is recommended the use of Magnelis® tubes in Solar Projects, Civil Works & Steel Constructions Project, Animal Housing, Agriculture and Greenhouse Project, fencing and other applications. The feedback we get from our customers is extremely positive.









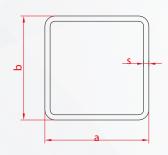


# STANDARD TUBES AND PROFILES

As KMC Group, we serve to automotive main industry, furniture, domestic appliance, steel goods, decoration, heating & cooling, air conditioning, civil works & steel construction, scaffolding profiles, heated towel rack, solar energy systems, and agricultural irrigation & greenhouse industries by specially produced profiles with MEKO Brand. We continue to our stabilized commercial life for over half century, with annually 150 thousand trade capacity of Carbon Steel, Galvanized, Hot Rolled and pre-painted on demand and following the latest technology in order to serve you better. We maintain our quality perspective by performing physical & chemical tests in our own in house laboratories and R&D center, from raw material to finished products, using EC (Eddy Current), leak proof test, zinc spray coating on welding point and internal deburring processes. Your special cut to length requirements can be done in our computer controlled CNC and multi saw lines. We provide our best of services to you with ISO 9001 and IATF 16949 quality certificates being environmentally friendly and mindful to labors and occupational safety measurements.

## **SQUARE PROFILES**

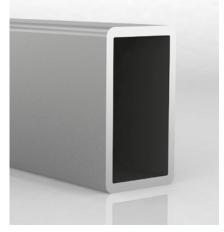




| DIMENSIONS         |       |       |       |       |       |       | (S) THI | CKNES  | S (mm) |       |        |        |        |        |        |
|--------------------|-------|-------|-------|-------|-------|-------|---------|--------|--------|-------|--------|--------|--------|--------|--------|
| External Dimension | 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   | 7.00   |
| a x b (mm)         |       |       |       |       |       |       | Weight  | t Kg/m |        |       |        |        |        |        |        |
| 10x10              | 0,149 | 0,176 | 0,204 | 0,230 | 0,256 | 0,281 | 0,329   |        |        |       |        |        |        |        |        |
| 12x12              | 0,180 | 0,214 | 0,248 | 0,280 | 0,312 | 0,344 | 0,405   |        |        |       |        |        |        |        |        |
| 12.7x12.7          | 0,191 | 0,227 | 0,263 | 0,298 | 0,332 | 0,366 | 0,431   |        |        |       |        |        |        |        |        |
| 15x15              | 0,227 | 0,271 | 0,313 | 0,356 | 0,397 | 0,438 | 0,518   | 0,632  |        |       |        |        |        |        |        |
| 16X16              | 0,243 | 0,290 | 0,335 | 0,381 | 0,425 | 0,469 | 0,555   | 0,679  |        |       |        |        |        |        |        |
| 18x18              | 0,274 | 0,327 | 0,379 | 0,431 | 0,482 | 0,532 | 0,631   | 0,773  | 0,998  |       |        |        |        |        |        |
| 19x19              | 0,290 | 0,346 | 0,401 | 0,456 | 0,510 | 0,564 | 0,668   | 0,820  | 1,061  |       |        |        |        |        |        |
| 20x20              | 0,306 | 0,365 | 0,423 | 0,481 | 0,538 | 0,595 | 0,706   | 0,868  | 1,124  |       |        |        |        |        |        |
| 25x25              |       | 0,459 | 0,533 | 0,607 | 0,680 | 0,752 | 0,894   | 1,103  | 1,438  | 1,756 |        |        |        |        |        |
| 25,4x25,4          |       | 0,467 | 0,542 | 0,617 | 0,691 | 0,764 | 0,909   | 1,122  | 1,463  | 1,787 |        |        |        |        |        |
| 30x30              |       | 0,553 | 0,643 | 0,732 | 0,821 | 0,909 | 1,083   | 1,339  | 1,752  | 2,148 | 2,392  |        |        |        |        |
| 31,75x31,75        |       |       | 0,682 | 0,776 | 0,870 | 0,964 | 1,149   | 1,421  | 1,862  | 2,286 | 2,557  |        |        |        |        |
| 35x35              |       |       |       | 0,858 | 0,962 | 1,066 | 1,271   | 1,574  | 2,066  | 2,541 | 2,863  |        |        |        |        |
| 40x40              |       |       |       | 0,984 | 1,104 | 1,223 | 1,460   | 1,810  | 2,380  | 2,933 | 3,334  | 4,252  |        |        |        |
| 45x45              |       |       |       |       |       | 1,380 | 1,648   | 2,045  | 2,694  | 3,326 | 3,805  | 4,880  |        |        |        |
| 50x50              |       |       |       |       |       |       | 1,836   | 2,281  | 3,008  | 3,718 | 4,276  | 5,508  |        |        |        |
| 55x55              |       |       |       |       |       |       | 2,025   | 2,516  | 3,322  | 4,111 | 4,747  | 6,136  |        |        |        |
| 60x60              |       |       |       |       |       |       | 2,213   | 2,752  | 3,636  | 4,503 | 5,218  | 6,764  |        |        |        |
| 70x70              |       |       |       |       |       |       |         | 3,223  | 4,264  | 5,288 | 6,160  | 8,020  |        |        |        |
| 75x75              |       |       |       |       |       |       |         |        | 4,578  | 5,681 | 6,631  | 8,648  |        |        |        |
| 80x80              |       |       |       |       |       |       |         |        | 4,892  | 6,073 | 7,102  | 9,276  |        |        |        |
| 100x100            |       |       |       |       |       |       |         |        | 6,148  | 7,643 | 8,986  | 11,788 |        |        |        |
| 120x120            |       |       |       |       |       |       |         |        |        | 9,213 | 10,870 | 14,300 | 17,634 | 20,871 | 24,012 |
| 150x150            |       |       |       |       |       |       |         |        |        |       | 13,696 | 18,068 | 22,344 | 26,523 | 30,606 |

Please contact us for your orders except for the mentioned measures above.

# RECTENGULAR PROFILES



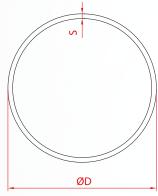


| DIMENSIONS         |       |       |       |       |       |       | (S) THI | CKNES  | S (mm) |       |        |        |        |        |        |
|--------------------|-------|-------|-------|-------|-------|-------|---------|--------|--------|-------|--------|--------|--------|--------|--------|
| External Dimension | 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   | 7.00   |
| a x b (mm)         |       |       |       |       |       |       | Weigh   | t Kg/m |        |       |        |        |        |        |        |
| 10x20              | 0,227 | 0,271 | 0,313 | 0,356 | 0,397 | 0,438 | 0,518   | 0,632  |        |       |        |        |        |        |        |
| 10x30              | 0,306 | 0,365 | 0,423 | 0,481 | 0,538 | 0,595 | 0,706   | 0,868  | 1,124  |       |        |        |        |        |        |
| 11x40              |       | 0,469 | 0,544 | 0,619 | 0,694 | 0,768 | 0,913   | 1,127  | 1,469  | 1,795 |        |        |        |        |        |
| 15x20              | 0,266 | 0,318 | 0,368 | 0,418 | 0,468 | 0,516 | 0,612   | 0,750  | 0,967  |       |        |        |        |        |        |
| 15x25              | 0,306 | 0,365 | 0,423 | 0,481 | 0,538 | 0,595 | 0,706   | 0,868  | 1,124  |       |        |        |        |        |        |
| 15x30              |       | 0,412 | 0,478 | 0,544 | 0,609 | 0,673 | 0,800   | 0,985  | 1,281  | 1,559 |        |        |        |        |        |
| 20x30              |       | 0,459 | 0,533 | 0,607 | 0,680 | 0,752 | 0,894   | 1,103  | 1,438  | 1,756 |        |        |        |        |        |
| 20x40              |       | 0,553 | 0,643 | 0,732 | 0,821 | 0,909 | 1,083   | 1,339  | 1,752  | 2,148 | 2,392  |        |        |        |        |
| 20x60              |       |       |       | 0,984 | 1,104 | 1,223 | 1,460   | 1,810  | 2,380  | 2,933 | 3,334  |        |        |        |        |
| 26x66              |       |       |       |       |       | 1,349 | 1,610   | 1,998  | 2,631  | 3,247 | 3,711  |        |        |        |        |
| 25x40              |       |       |       | 0,795 | 0,892 | 0,987 | 1,177   | 1,456  | 1,909  | 2,344 | 2,627  |        |        |        |        |
| 27x40              |       |       |       | 0,820 | 0,920 | 1,019 | 1,215   | 1,503  | 1,971  | 2,423 |        |        |        |        |        |
| 30x40              |       |       |       | 0,858 | 0,962 | 1,066 | 1,271   | 1,574  | 2,066  | 2,541 | 2,863  |        |        |        |        |
| 30x50              |       |       |       | 0,984 | 1,104 | 1,223 | 1,460   | 1,810  | 2,380  | 2,933 | 3,334  | 4,252  |        |        |        |
| 30x60              |       |       |       |       |       | 1,380 | 1,648   | 2,045  | 2,694  | 3,326 | 3,805  | 4,880  |        |        |        |
| 30x70              |       |       |       |       |       |       | 1,836   | 2,281  | 3,008  | 3,718 | 4,276  | 5,508  |        |        |        |
| 30x90              |       |       |       |       |       |       | 2,213   | 2,752  | 3,636  | 4,503 | 5,218  | 6,764  |        |        |        |
| 30x120             |       |       |       |       |       |       |         |        | 4,578  | 5,681 | 6,631  | 8,648  |        |        |        |
| 31,5x43,5          |       |       |       | 0,921 | 1,033 | 1,144 | 1,365   | 1,692  | 2,223  | 2,737 | 3,098  |        |        |        |        |
| 38x75              |       |       |       |       |       |       |         | 2,587  | 3,416  | 4,228 | 4,888  | 6,324  |        |        |        |
| 40x50              |       |       |       | 1,109 | 1,245 | 1,380 | 1,648   | 2,045  | 2,694  | 3,326 | 3,805  | 4,880  |        |        |        |
| 40x60              |       |       |       |       |       |       | 1,836   | 2,281  | 3,008  | 3,718 | 4,276  | 5,508  |        |        |        |
| 40x80              |       |       |       |       |       |       |         | 2,752  | 3,636  | 4,503 | 5,218  | 6,764  |        |        |        |
| 40x120             |       |       |       |       |       |       |         |        | 4,892  | 6,073 | 7,102  | 9,276  |        |        |        |
| 50x60              |       |       |       |       |       |       | 2,025   | 2,516  | 3,322  | 4,111 | 4,747  | 6,136  |        |        |        |
| 50x70              |       |       |       |       |       |       |         | 2,752  | 3,636  | 4,503 | 5,218  | 6,764  |        |        |        |
| 50x100             |       |       |       |       |       |       |         |        | 4,578  | 5,681 | 6,631  | 8,648  |        |        |        |
| 60x80              |       |       |       |       |       |       |         |        | 4,264  | 5,288 | 6,160  | 8,020  |        |        |        |
| 60x100             |       |       |       |       |       |       |         |        | 4,892  | 6,073 | 7,102  | 9,276  |        |        |        |
| 60x120             |       |       |       |       |       |       |         |        | 5,520  | 6,858 | 8,044  | 10,532 |        |        |        |
| 63,5x88,9          |       |       |       |       |       |       |         |        | 4,653  | 5,775 | 6,744  | 8,799  |        |        |        |
| 80x120             |       |       |       |       |       |       |         |        | 6,148  | 7,643 | 8,986  | 11,788 | 14,494 | 17,103 | 19,616 |
| 100x200            |       |       |       |       |       |       |         |        |        |       | 13,696 | 18,068 | 22,344 | 26,523 | 30,606 |

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## TUBE PROFILES



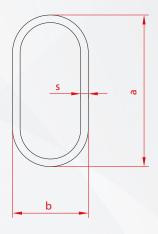


| DIMENSIONS            |       |       |       |       |       |       |       | (S) TH   | ICKNESS | 6 (mm)         |                |                |        |        |        |        |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|----------|---------|----------------|----------------|----------------|--------|--------|--------|--------|
| External<br>Dimension | 0,40  | 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   | 7,00   |
| ØD                    |       |       |       |       |       |       |       | Weight h | (g/m    |                |                |                |        |        |        |        |
| 10                    | 0,095 | 0,117 | 0,139 | 0,161 | 0,182 | 0,202 |       |          |         |                |                |                |        |        |        |        |
| 12                    | 0,114 | 0,142 | 0,169 | 0,195 | 0,221 | 0,246 | 0,271 | 0,320    |         |                |                |                |        |        |        |        |
| 13                    | 0,124 | 0,154 | 0,183 | 0,212 | 0,241 | 0,269 | 0,296 | 0,349    | 0,425   |                |                |                |        |        |        |        |
| 14                    | 0,134 | 0,166 | 0,198 | 0,230 | 0,260 | 0,291 | 0,321 | 0,379    | 0,462   |                |                |                |        |        |        |        |
| 16                    | 0,154 | 0,191 | 0,228 | 0,264 | 0,300 | 0,335 | 0,370 | 0,438    | 0,536   |                |                |                |        |        |        |        |
| 17                    | 0,164 | 0,203 | 0,243 | 0,281 | 0,320 | 0,357 | 0,395 | 0,466    | 0,573   |                |                |                |        |        |        |        |
| 18                    | 0,174 | 0,216 | 0,257 | 0,299 | 0,339 | 0,379 | 0,419 | 0,497    | 0,610   |                |                |                |        |        |        |        |
| 19                    | 0,183 | 0,228 | 0,272 | 0,316 | 0,359 | 0,402 | 0,444 | 0,527    | 0,647   | 0,838          |                |                |        |        |        |        |
| 19,7                  | 0,190 | 0,237 | 0,283 | 0,328 | 0,373 | 0,417 | 0,461 | 0,547    | 0,673   | 0,873          |                |                |        |        |        |        |
| 20                    | 0,193 | 0,240 | 0,287 | 0,333 | 0,379 | 0,424 | 0,468 | 0,556    | 0,684   | 0,888          |                |                |        |        |        |        |
| 21                    | 0,203 | 0,253 | 0,302 | 0,350 | 0,398 | 0,446 | 0,493 | 0,586    | 0,721   | 0,937          |                |                |        |        |        |        |
| 22                    | 0,213 | 0,265 | 0,317 | 0,368 | 0,418 | 0,468 | 0,518 | 0,615    | 0,758   | 0,986          |                |                |        |        |        |        |
| 23,5                  | 0,228 | 0,284 | 0,339 | 0,394 | 0,448 | 0,502 | 0,555 | 0,660    | 0,814   | 1,060          |                |                |        |        |        |        |
| 25                    |       | 0,302 | 0,361 | 0,419 | 0,477 | 0,535 | 0,592 | 0,704    | 0,869   | 1,134          | 1,387          |                |        |        |        |        |
| 25,4                  |       | -,    | 0,367 | 0,426 | 0,485 | 0,544 | 0,602 | 0,716    | 0,884   | 1,154          | 1,412          |                |        |        |        |        |
| 27                    |       |       | 0,391 | 0,454 | 0,517 | 0,579 | 0,641 | 0,764    | 0,943   | 1,233          | 1,511          |                |        |        |        |        |
| 28                    |       |       | 0,405 | 0,471 | 0,537 | 0,601 | 0,666 | 0,793    | 0,980   | 1,282          | 1,572          |                |        |        |        |        |
| 29,7                  |       |       | 0,431 | 0,501 | 0,570 | 0,639 | 0,708 | 0,843    | 1,043   | 1,366          | 1,677          |                |        |        |        |        |
| 30                    |       |       | 0,435 | 0,506 | 0,576 | 0,646 | 0,715 | 0,852    | 1,054   | 1,381          | 1,695          |                |        |        |        |        |
| 32                    |       |       | 0,465 | 0,540 | 0,616 | 0,690 | 0,765 | 0,911    | 1,128   | 1,479          | 1,818          |                |        |        |        |        |
| 33,5                  |       |       | 0,487 | 0,566 | 0,645 | 0,724 | 0,801 | 0,956    | 1,184   | 1,554          | 1,911          |                |        |        |        |        |
| 33,8                  |       |       | 0,491 | 0,571 | 0,651 | 0,724 | 0,809 | 0,730    | 1,104   | 1,568          | 1,930          |                |        |        |        |        |
| 34                    |       |       | 0,471 | 0,575 | 0,655 | 0,735 | 0,814 | 0,703    | 1,173   | 1,578          | 1,942          |                |        |        |        |        |
| 35                    |       |       | 0,509 | 0,573 | 0,635 | 0,757 | 0,838 | 1,000    | 1,239   | 1,628          | 2,004          |                |        |        |        |        |
| 38                    |       |       | 0,307 | 0,572 | 0,873 | 0,737 | 0,838 | 1,089    | 1,350   | 1,776          | 2,189          | 2,589          |        |        |        |        |
| 40                    |       |       |       | 0,044 | 0,734 | 0,868 | 0,712 | 1,148    | 1,424   | 1,874          | 2,107          | 2,307          |        |        |        |        |
| 42                    |       |       |       |       | 0,773 | 0,888 | 1,011 | 1,207    | 1,424   | 1,973          | 2,435          | 2,885          |        |        |        |        |
| 45                    |       |       |       |       | 0,872 | 0,912 | 1,011 | 1,207    | 1,498   |                |                |                |        |        |        |        |
| 48                    |       |       |       |       | 0,872 | 1,045 | 1,159 | 1,385    | 1,720   | 2,120<br>2,268 | 2,620<br>2,805 | 3,107<br>3,329 | 4,340  |        |        |        |
| 51                    |       |       |       |       | 0,731 |       |       |          |         |                |                | 3,551          |        |        |        |        |
|                       |       |       |       |       | 0,990 | 1,112 | 1,233 | 1,474    | 1,831   | 2,417          | 2,990          |                | 4,636  |        |        |        |
| 54                    |       |       |       |       |       |       | 1,307 | 1,562    | 1,942   | 2,564          | 3,175          | 3,773          | 4,932  |        |        |        |
| 57                    |       |       |       |       |       |       | 1,381 | 1,651    | 2,053   | 2,712          | 3,360          | 3,995          | 5,228  |        |        |        |
| 60                    |       |       |       |       |       |       |       | 1,740    | 2,164   | 2,860          | 3,545          | 4,217          | 5,524  |        |        |        |
| 63                    |       |       |       |       |       |       |       | 1,829    | 2,275   | 3,008          | 3,730          | 4,439          | 5,820  |        |        |        |
| 65                    |       |       |       |       |       |       |       | 1,888    | 2,349   | 3,107          | 3,853          | 4,587          | 6,017  |        |        |        |
| 70                    |       |       |       |       |       |       |       | 2,036    | 2,533   | 3,353          | 4,161          | 4,956          | 6,510  |        |        |        |
| 72                    |       |       |       |       |       |       |       | 2,095    | 2,607   | 3,452          | 4,284          | 5,104          | 6,707  |        |        |        |
| 73                    |       |       |       |       |       |       |       | 2,124    | 2,644   | 3,501          | 4,346          | 5,178          | 6,806  |        |        |        |
| 76                    |       |       |       |       |       |       |       | 2,213    | 2,755   | 3,649          | 4,532          | 5,400          | 7,102  |        |        |        |
| 77                    |       |       |       |       |       |       |       | 2,243    | 2,793   | 3,699          | 4,593          | 5,475          | 7,201  |        |        |        |
| 82                    |       |       |       |       |       |       |       | 2,391    | 2,977   | 3,945          | 4,901          | 5,844          | 7,694  |        |        |        |
| 89                    |       |       |       |       |       |       |       |          | 3,236   | 4,291          | 5,333          | 6,363          | 8,360  |        |        |        |
| 94                    |       |       |       |       |       |       |       |          |         | 4,538          | 5,641          | 6,733          | 8,878  |        |        |        |
| 96                    |       |       |       |       |       |       |       |          |         | 4,635          | 5,765          | 6,879          | 9,074  |        |        |        |
| 102                   |       |       |       |       |       |       |       |          |         | 4,932          | 6,135          | 7,324          | 9,667  |        |        |        |
| 114                   |       |       |       |       |       |       |       |          |         | 5,524          | 6,874          | 8,212          | 10,851 |        |        |        |
| 127                   |       |       |       |       |       |       |       |          |         | 6,165          | 7,676          | 9,174          | 12,133 |        |        |        |
| 130                   |       |       |       |       |       |       |       |          |         |                | 7,859          | 9,934          | 12,427 |        | 18,345 |        |
| 190,5                 |       |       |       |       |       |       |       |          |         |                |                | 13,872         | 18,397 | 22,874 | 27,300 | 31,678 |

Please contact us for your orders except for the mentioned measures above.

### **OVAL & ELIPSE PROFILES**





| DIMENSIONS            |       |             | (S) TH | ICKNES | S (mm) |       |       |  |  |
|-----------------------|-------|-------------|--------|--------|--------|-------|-------|--|--|
| External<br>Dimension | 0,80  | 0,90        | 1,00   | 1,20   | 1,50   | 2,00  | 3,00  |  |  |
| a x b (mm)            |       | 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 |       |  |  |

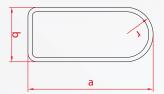
Please contact us for your orders except for the mentioned measures above.

| DIMENSIONS            |       |             | (S) 1 | HICKN | ESS (mn |       |       |  |
|-----------------------|-------|-------------|-------|-------|---------|-------|-------|--|
| External<br>Dimension | 0,80  | 0,90        | 1,00  | 1,20  | 1,50    | 2,00  | 3,00  |  |
| a x b (mm)            |       | 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 |  |

Please contact us for your orders except for the mentioned measures above.

#### **D PROFILES**





| DIMENSIONS            |      | (S) THICKNESS (mm) |       |       |       |       |       |       |  |
|-----------------------|------|--------------------|-------|-------|-------|-------|-------|-------|--|
| External<br>Dimension | 0,60 | 0,70               | 0,80  | 0,90  | 1,00  | 1,20  | 1,50  | 2,00  |  |
| a x b (mm)            |      | 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 |  |

Please contact us for your orders except for the mentioned measures above.

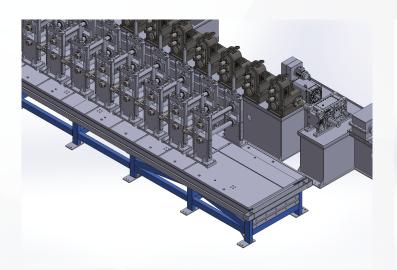


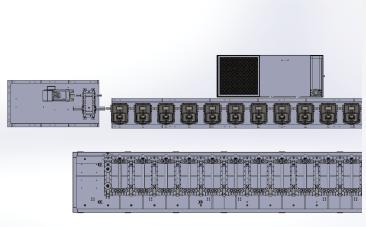


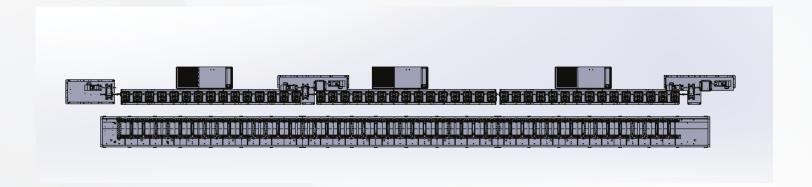






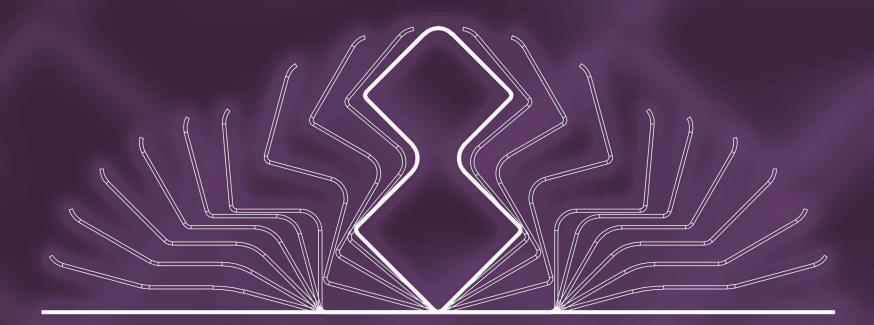












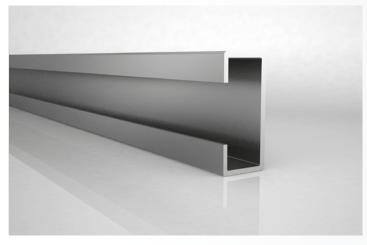
# **SPECIAL PROFILES**

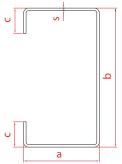
- C & U profiles
- Tubes and profiles in special cross-section,
- Air conditioning plant's construction profiles
- Profiles for furniture Industry

- Shelving profiles
- Conveyor profiles
- Roller blinds & awnings profiles
- Roller shutter profiles (octagonal shaped)

The design and production of our molds and fixtures that are used in every stage of the production are produced by our own experienced technical team. On special profiles punching, bending, edge reducing, edging, end cutting and similar requested applications can be performed to have them as semi and finished product.

### C PROFILES

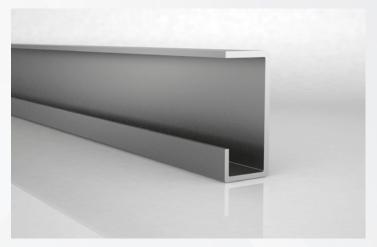




| Dimensions | A (mm) | B (mm) | C (mm) | S (mm) |
|------------|--------|--------|--------|--------|
| Min.       | 5      | 10     | 10     | 0,5    |
| Max.       | 245    | 500    | 150    | 8      |

All types of C profiles which their minimum and maximum measures are mentioned above are manufactured by our company.

# C PROFILES

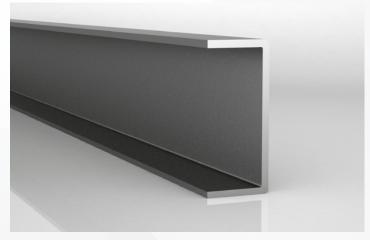


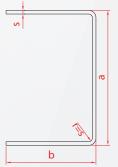


| Dimensions | A (mm) | B (mm) | C (mm) | S (mm) |
|------------|--------|--------|--------|--------|
| Min.       | 5      | 10     | 10     | 0,5    |
| Max.       | 245    | 500    | 150    | 8      |

All types of C profiles which their minimum and maximum measures are mentioned above are manufactured by our company.

### **U PROFILES**



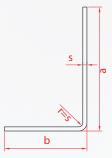


| Dimensions | A (mm) B (mm |     | S (mm) |  |  |
|------------|--------------|-----|--------|--|--|
| Min.       | 5            | 10  | 0,5    |  |  |
| Max.       | 500          | 245 | 8      |  |  |

All types of U profiles which their minimum and maximum measures are mentioned above are manufactured by our company.

#### L PROFILES

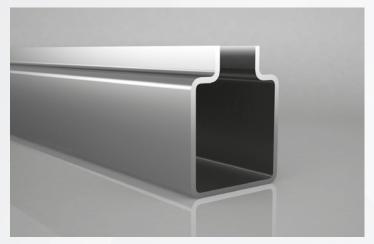


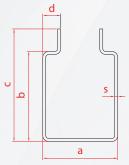


| Dimensions | A (mm) | B (mm) | S (mm) |
|------------|--------|--------|--------|
| Min.       | 10     | 5      | 0,5    |
| Max.       | 500    | 245    | 8      |

All types of L profiles which their minimum and maximum measures are mentioned above are manufactured by our company.

#### STANDARD OPEN SHAPED PROFILES



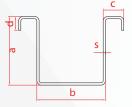


| Dimensions | A (mm) | B (mm) | C (mm) | D (mm) | S (mm) |
|------------|--------|--------|--------|--------|--------|
| Min.       | 30     | 30     | 55     | 8      | 0,5    |
| Max.       | 400    | 230    | 245    | 150    | 8      |

All types of profiles which their minimum and maximum measures are mentioned above are manufactured by our company.

#### STANDARD OPEN SHAPED PROFILES

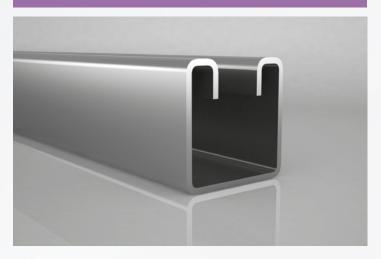


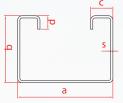


| Dimensions | A (mm) | B (mm) | C (mm) | D (mm) | S (mm) |
|------------|--------|--------|--------|--------|--------|
| Min.       | 20     | 20     | 10     | 5      | 0,5    |
| Max.       | 400    | 245    | 100    | 50     | 8      |

All types of profiles which their minimum and maximum measures are mentioned above are manufactured by our company.

#### STANDARD OPEN SHAPED PROFILES

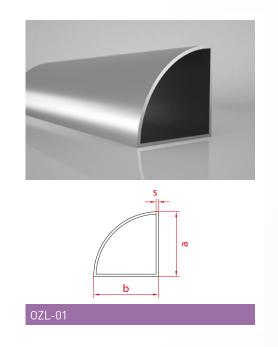


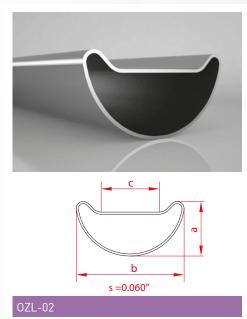


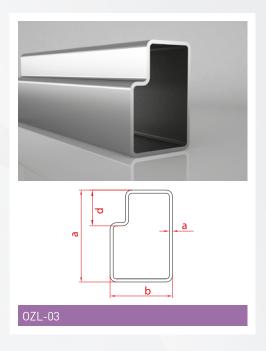
| Dimensions | A (mm) | B (mm) | C (mm) | D (mm) | S (mm) |
|------------|--------|--------|--------|--------|--------|
| Min.       | 20     | 20     | 10     | 5      | 0,5    |
| Max.       | 400    | 245    | 100    | 50     | 8      |

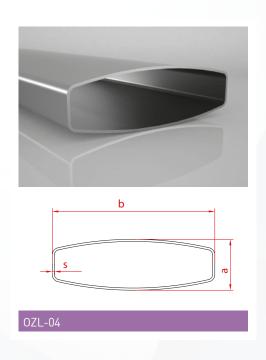
All types of profiles which their minimum and maximum measures are mentioned above are manufactured by our company.

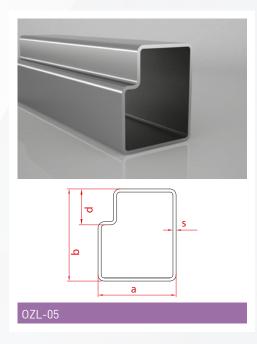


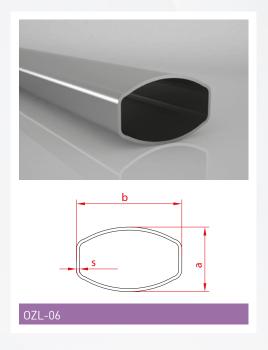


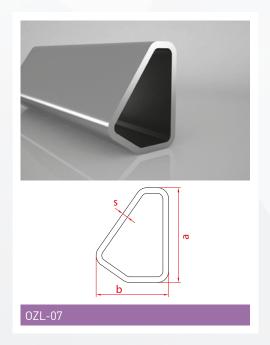


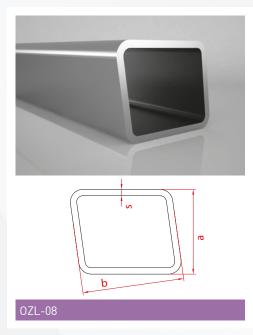


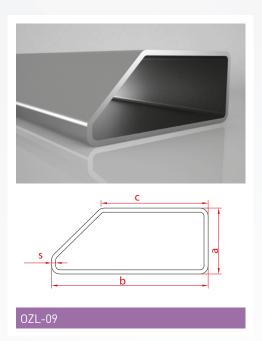


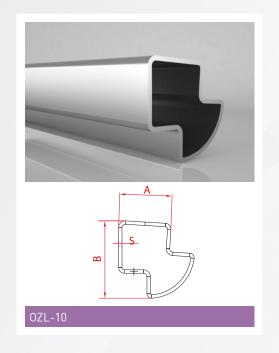


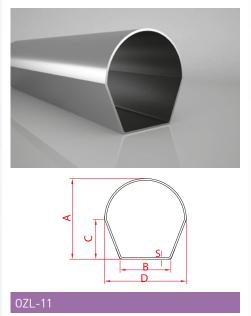


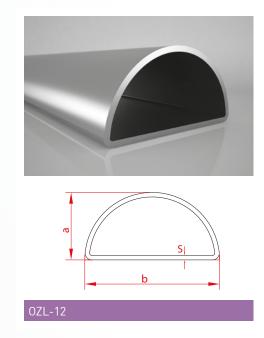


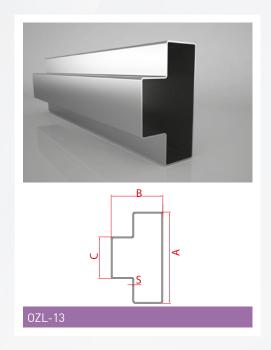


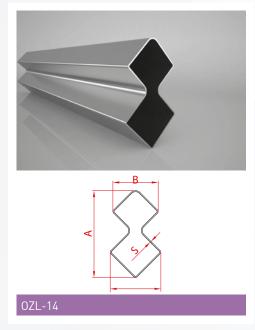


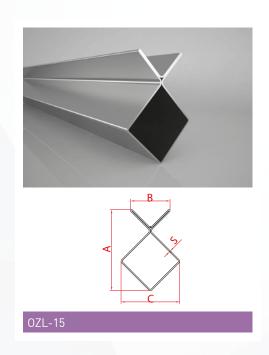


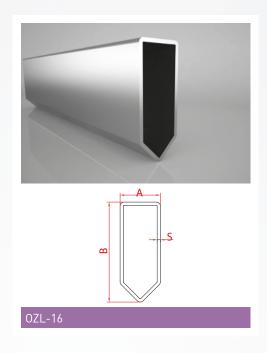


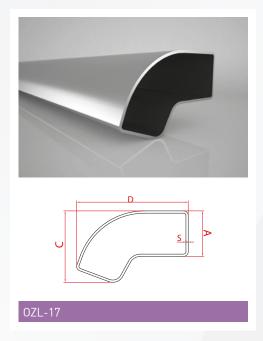


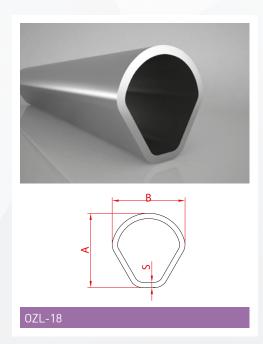


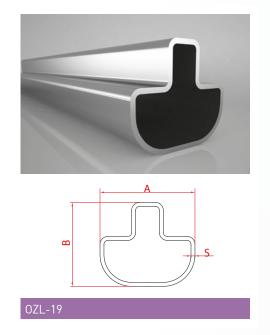


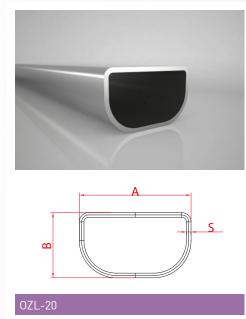


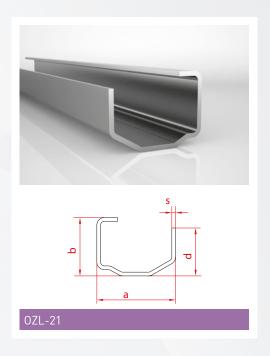


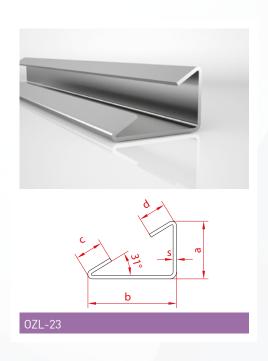


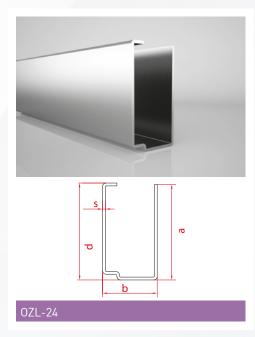


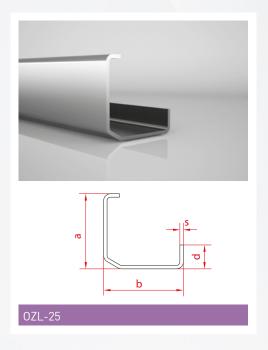


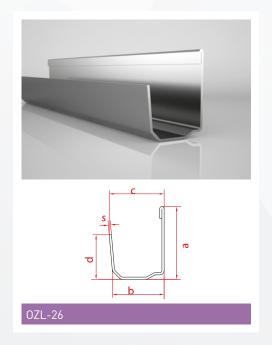


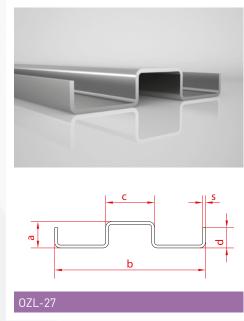


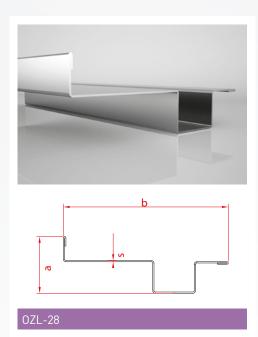


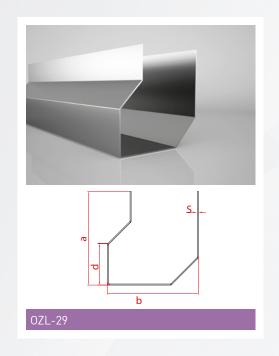


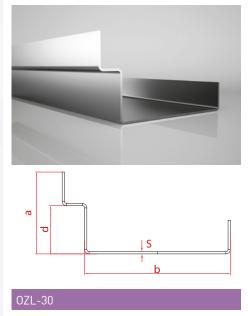


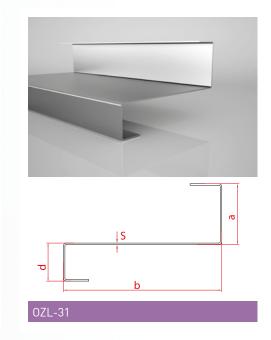


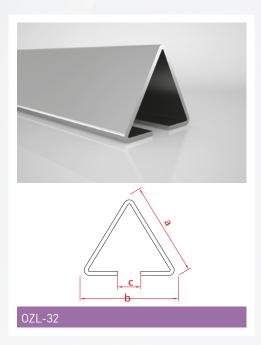


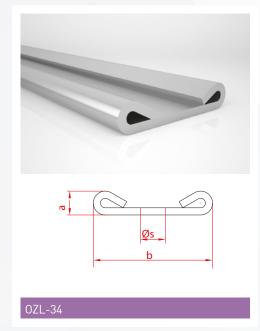


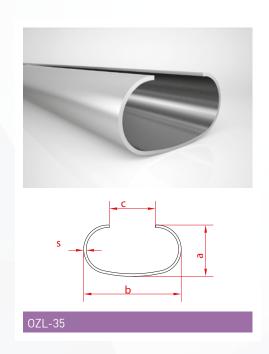


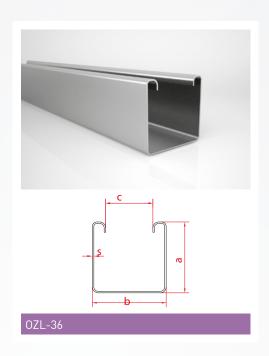


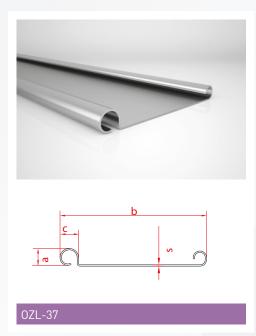


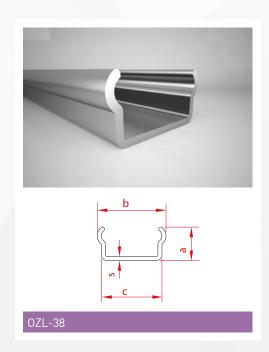


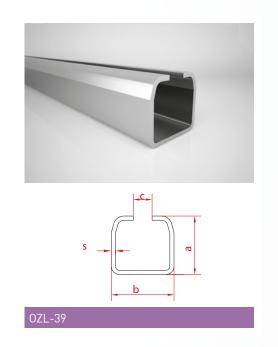


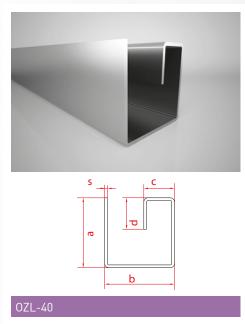


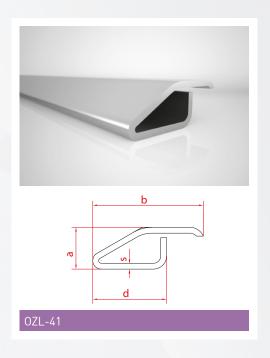


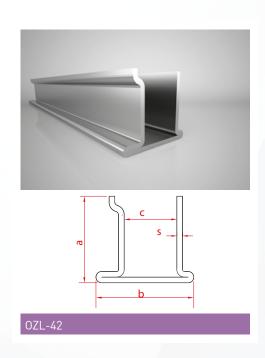


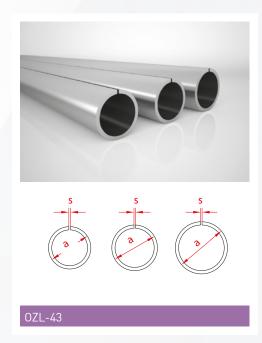


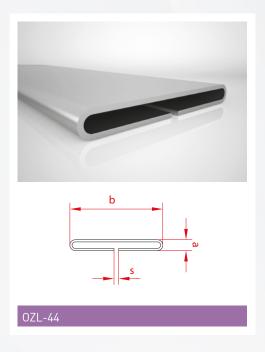


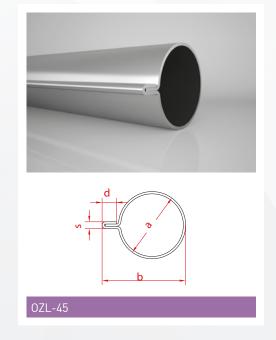


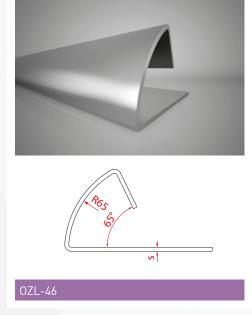


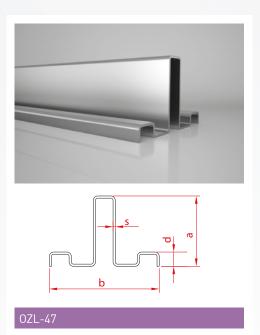


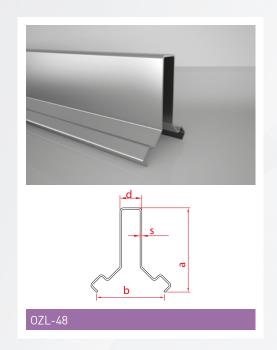


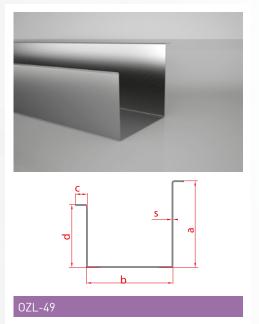


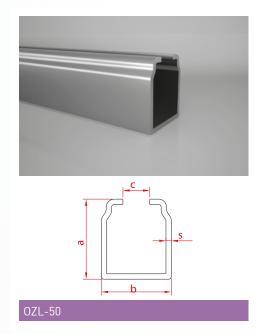


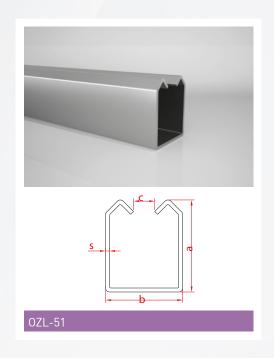


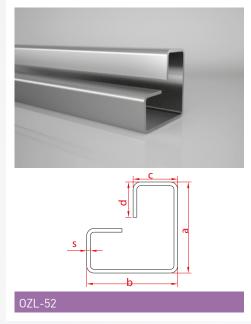


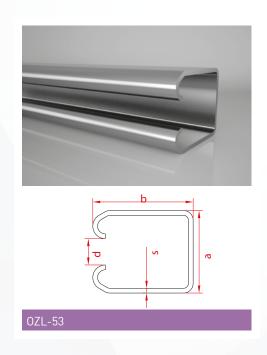


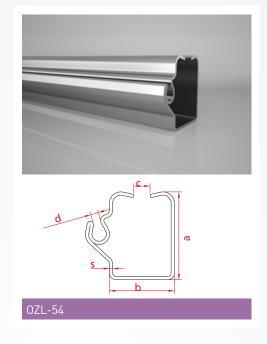


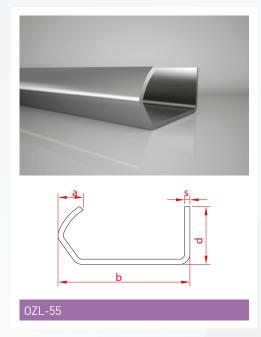


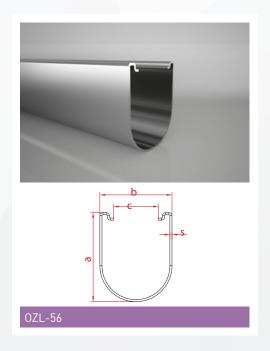


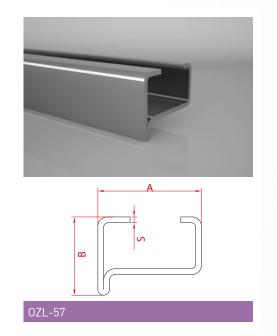


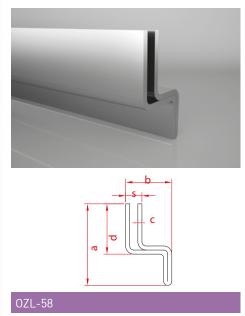


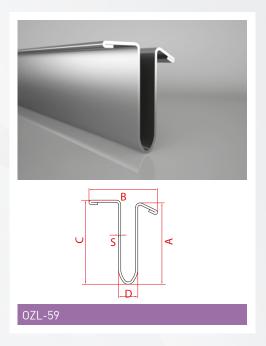


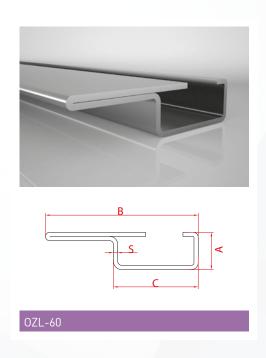


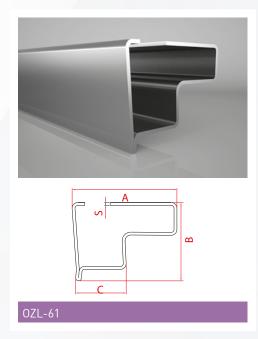


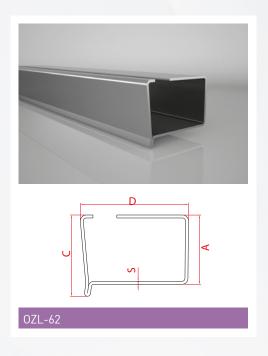


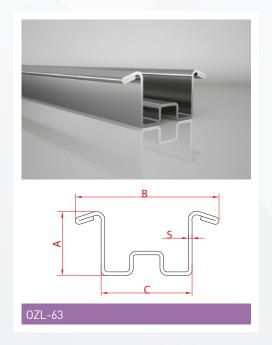


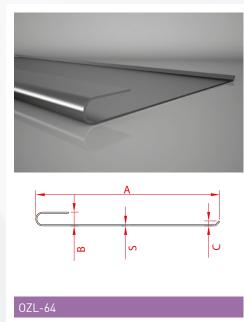


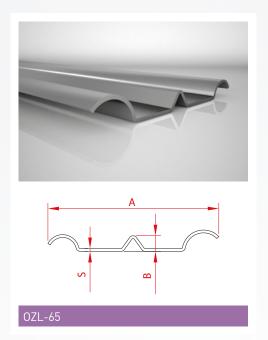


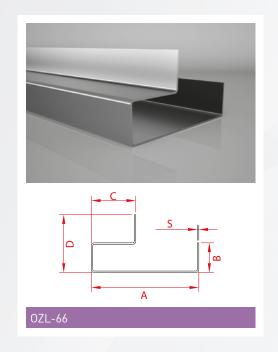


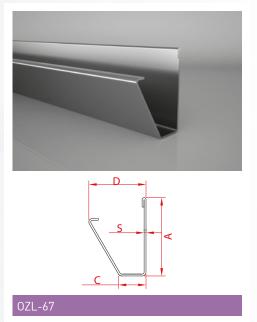


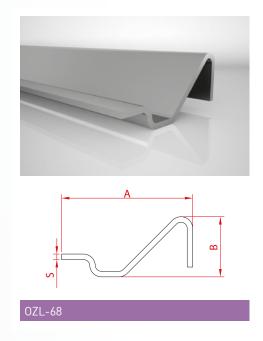


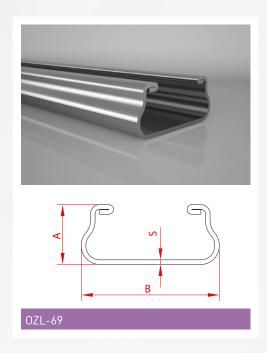


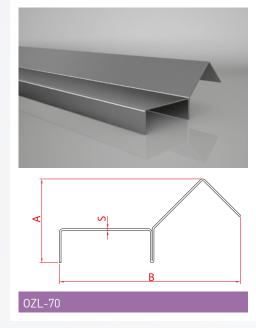


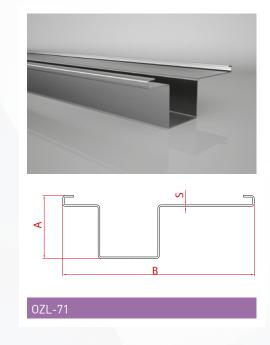


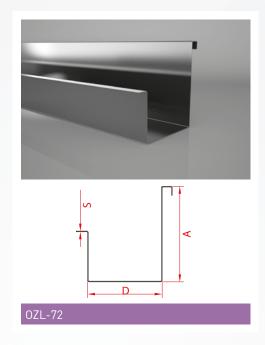


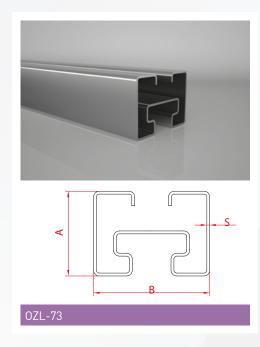


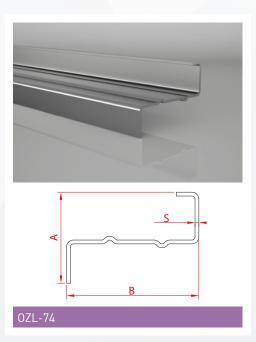


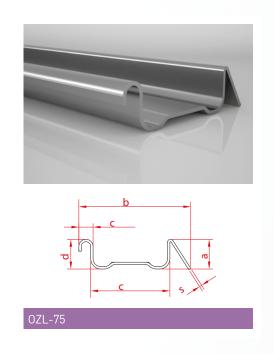


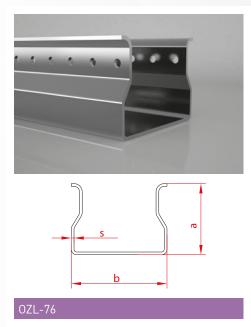


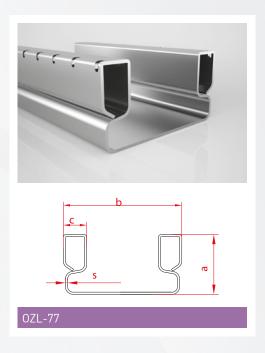


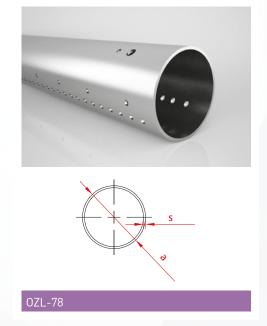


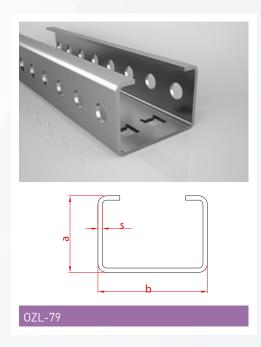


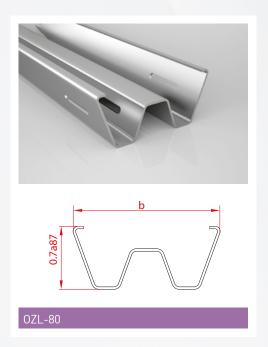


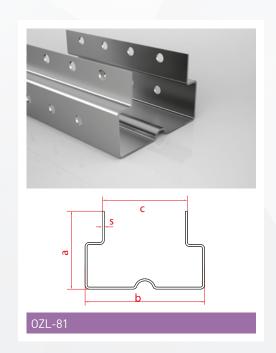


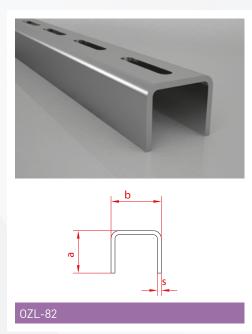


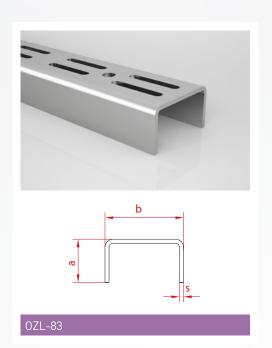


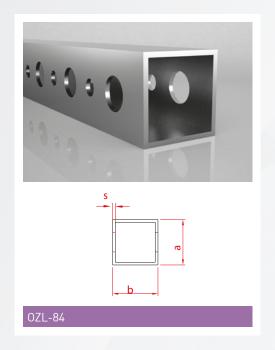


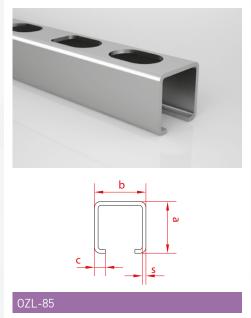


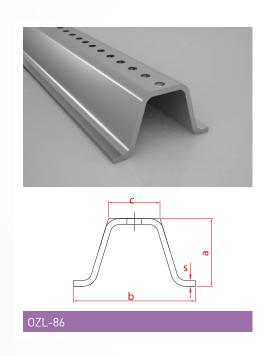


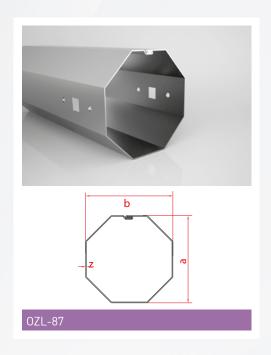


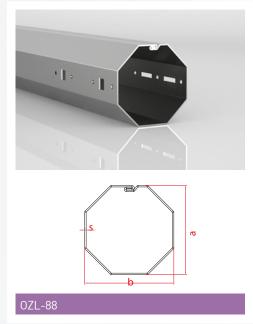


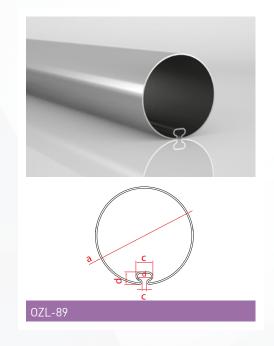


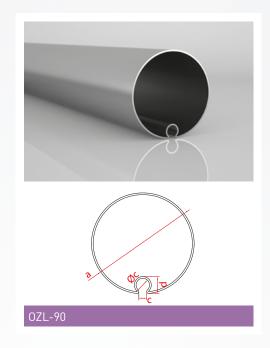


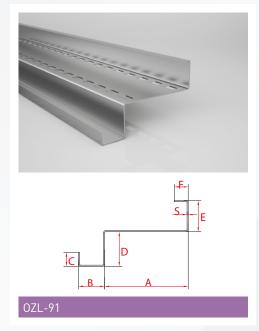


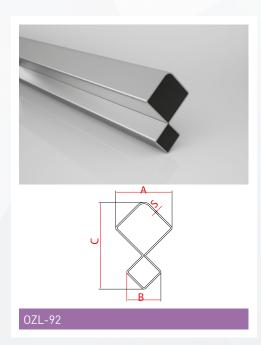


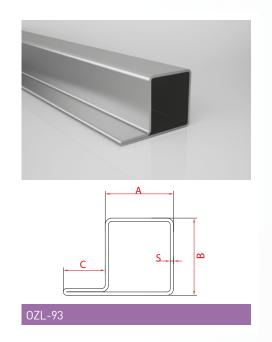


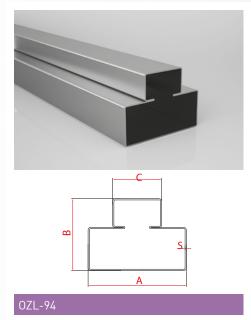


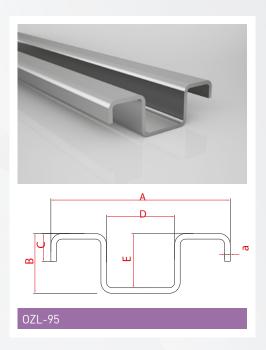


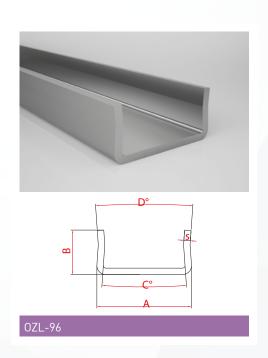


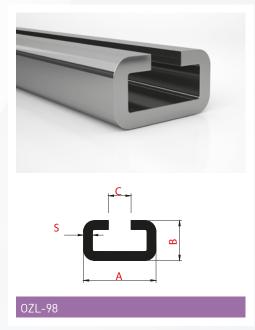


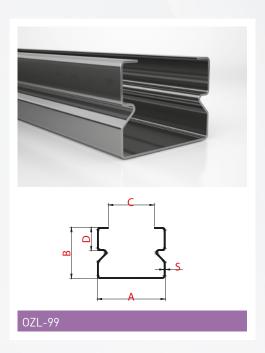


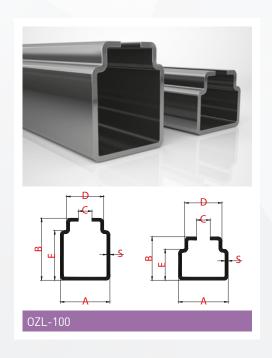




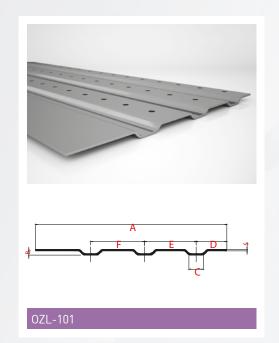


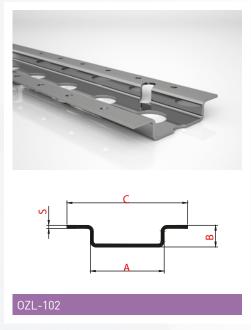


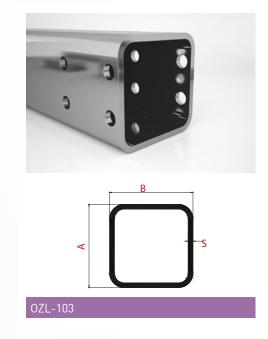


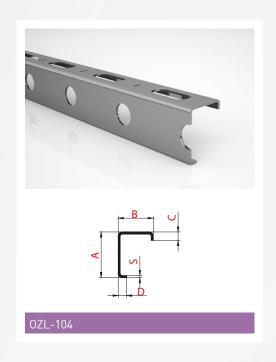


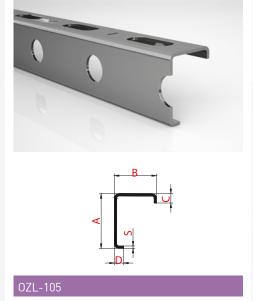


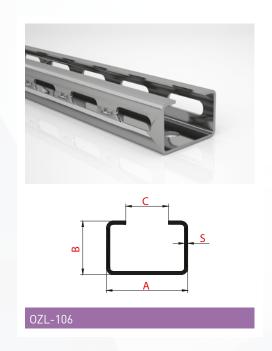


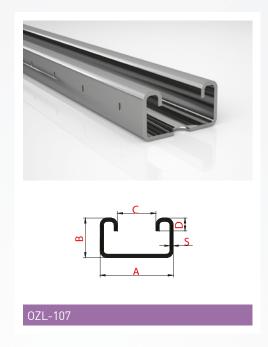


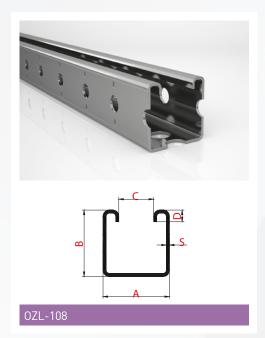


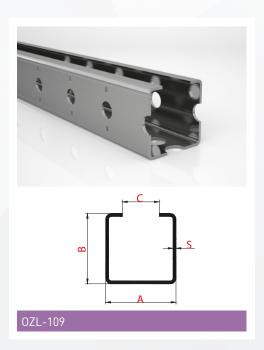


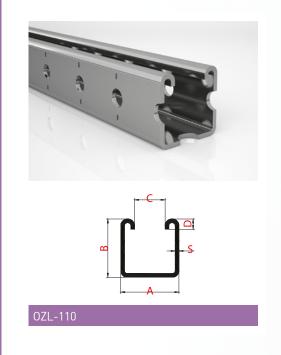


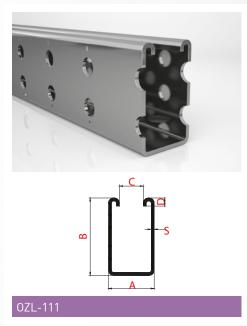


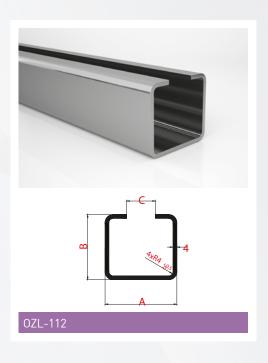


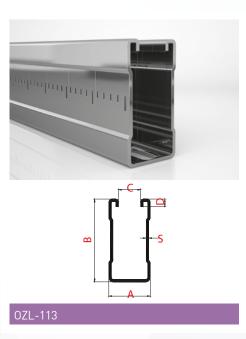


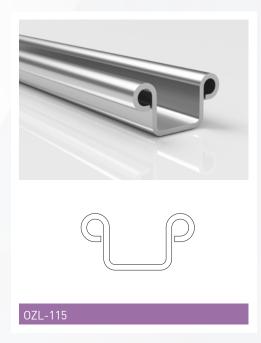


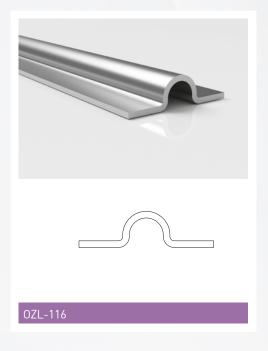


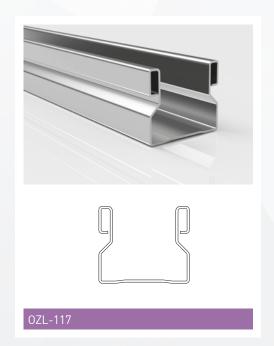


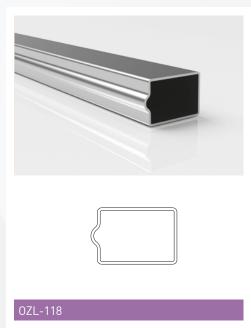


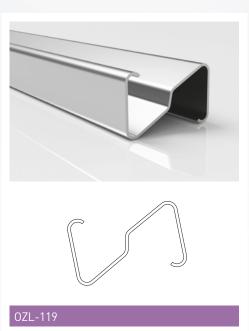


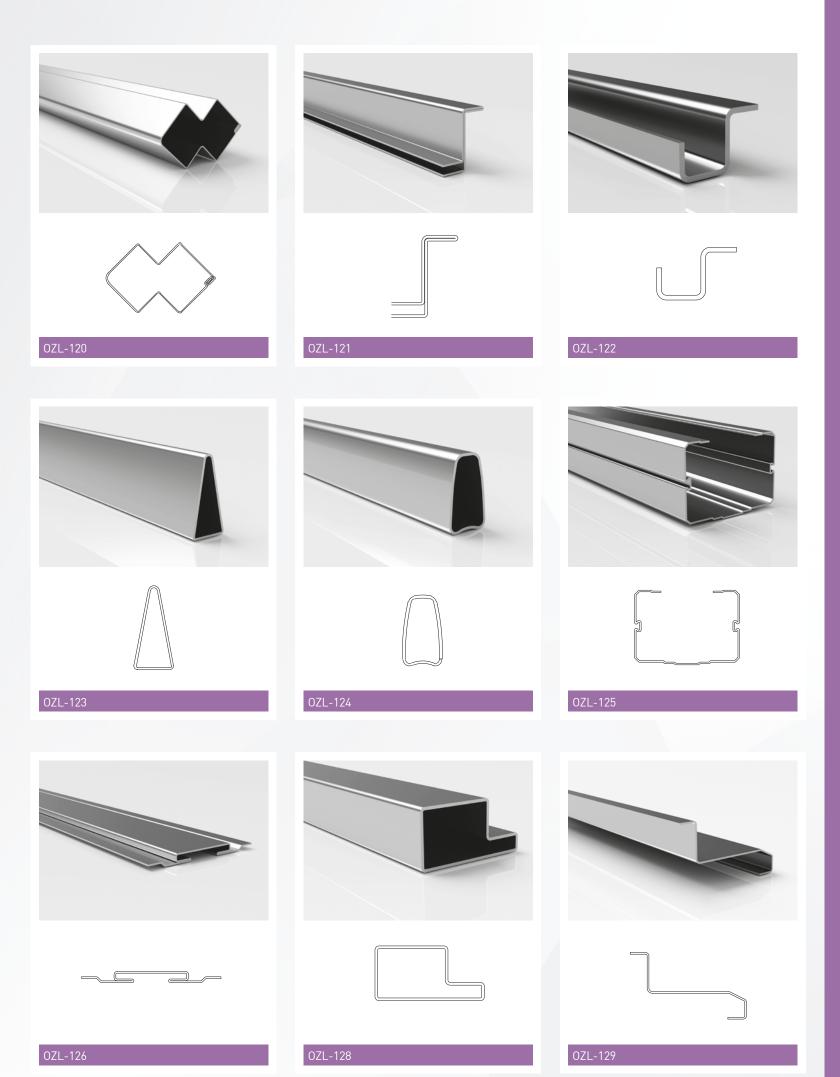








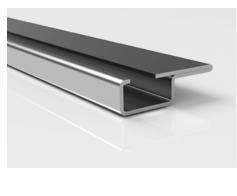






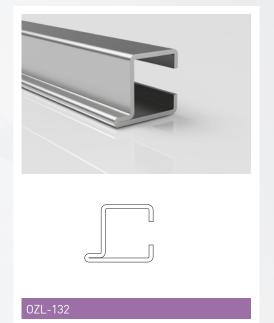


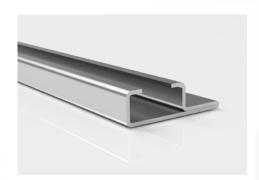
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0ZL-131



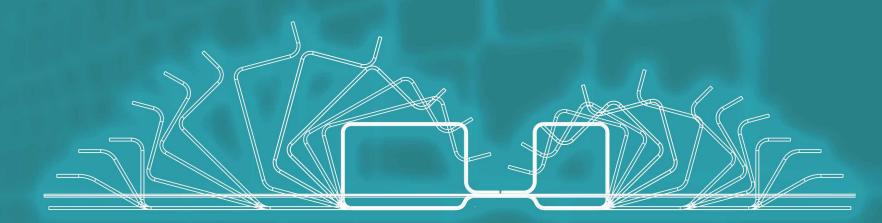




OZL-133



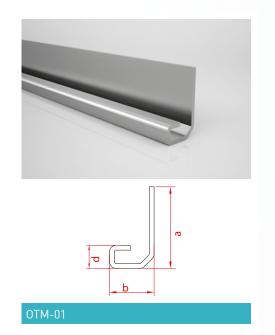


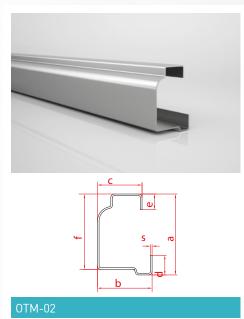


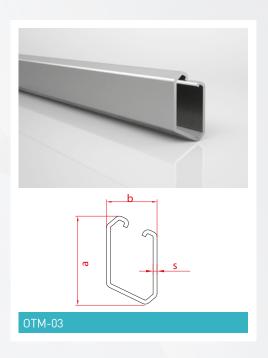
# **AUTOMOTIVE PROFILES**

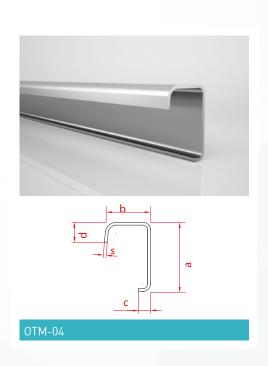
- Door window frames & window rails
  - Glass running rail profile of doors •
- Chassis profiles, chassis parts of trucks
  - Front & rear bumper of cars
    - Air filter cabins •
    - Sliding door rails •
    - Seat rails and frames
      - Rain gutter •
      - Alusi exhaust pipe •

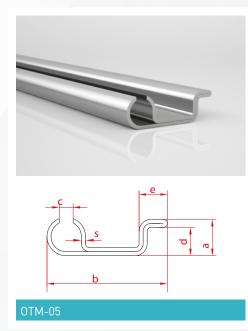
The design and production of our molds and fixtures that are used in every stage of the production are produced by our own experienced technical team. On special profiles punching, bending, edge reducing, edging, end cutting and similar requested applications can be performed to have them as semi and finished product.

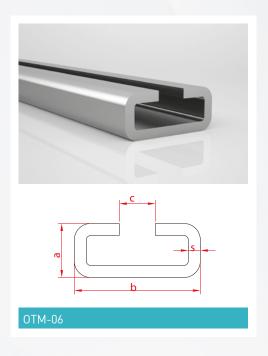


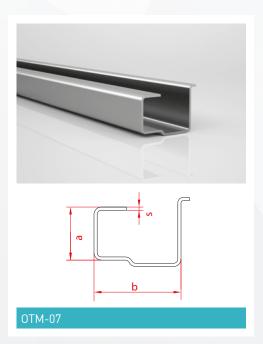


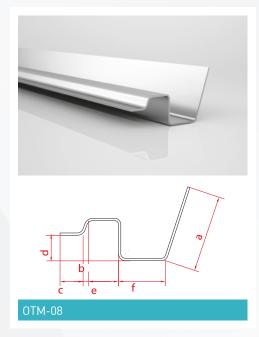


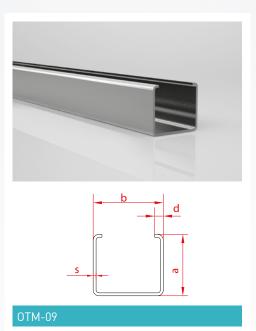


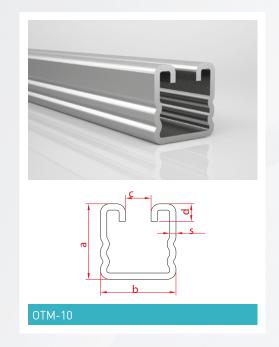


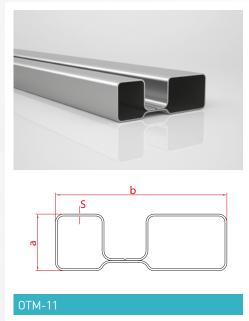


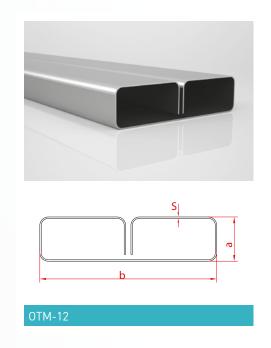


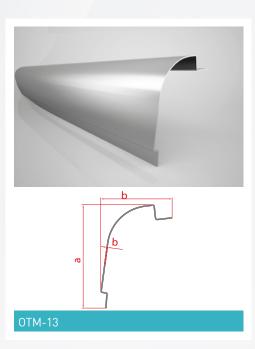


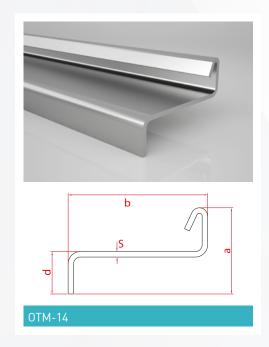


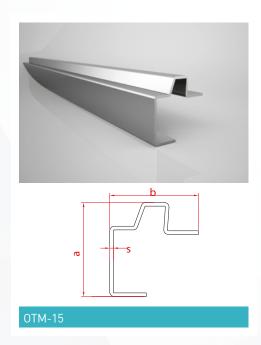


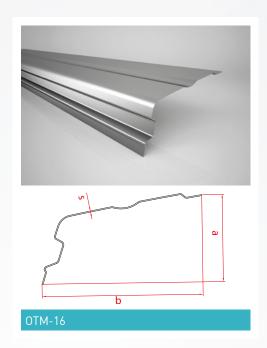


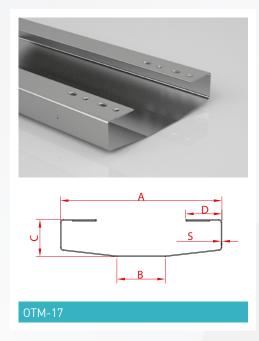


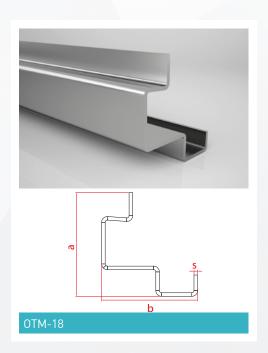


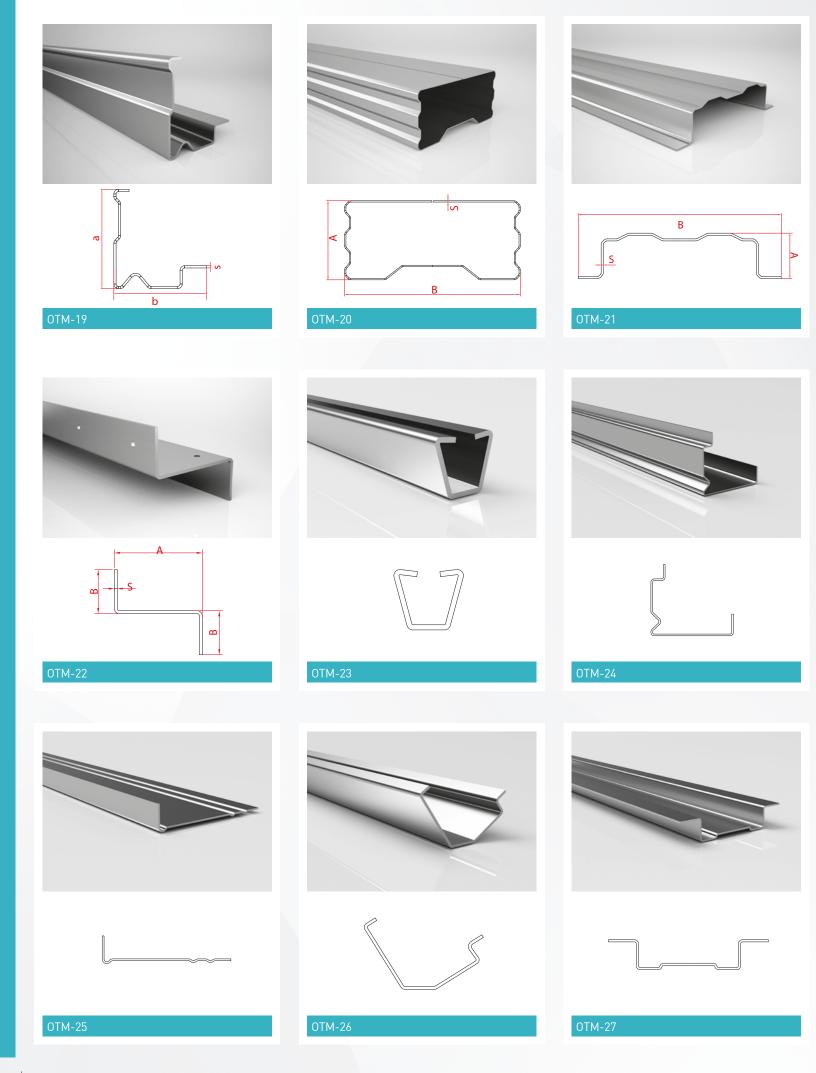




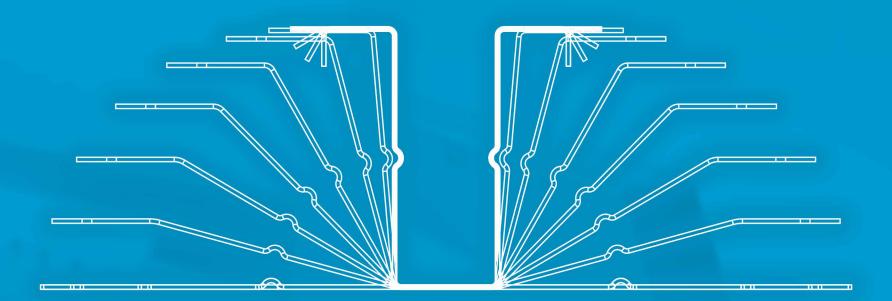






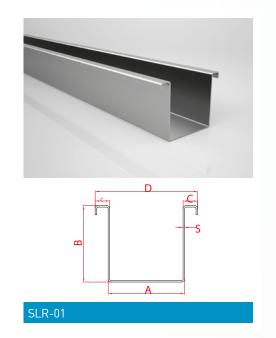


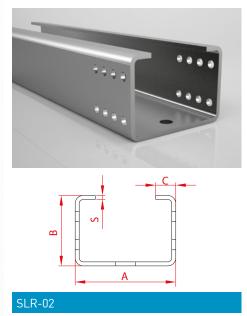


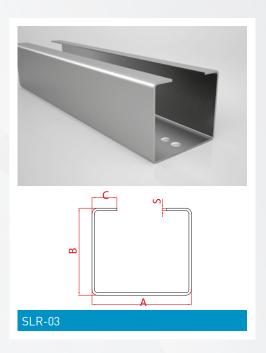


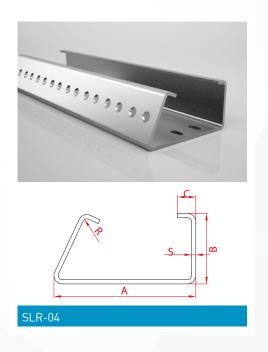
# **SOLAR ENERGY SYSTEMS PROFILES**

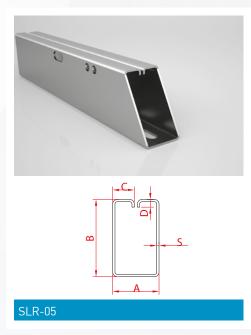
- Standard & special open profiles, •
- Standard & special seam welded profiles, •
- Solar construction profiles with special section & holes.
  - Omega profiles •

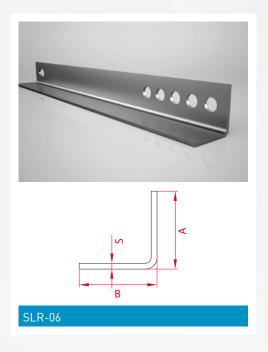


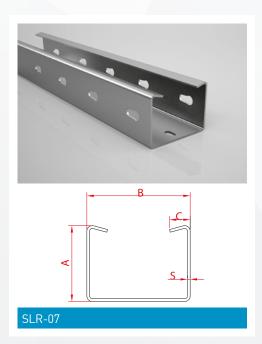


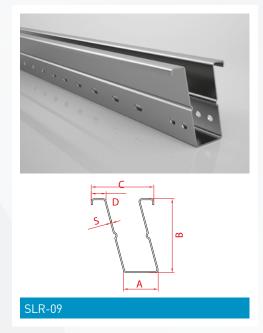


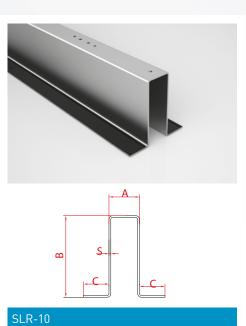


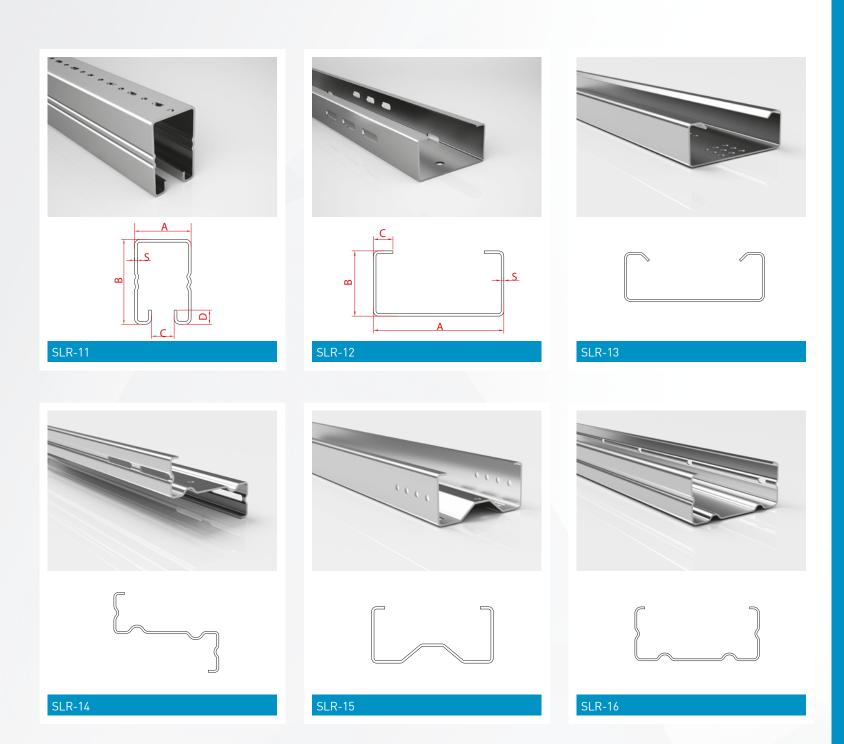




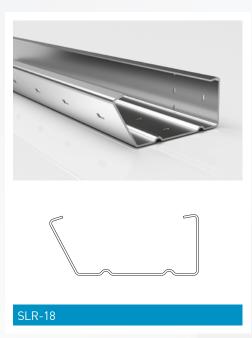




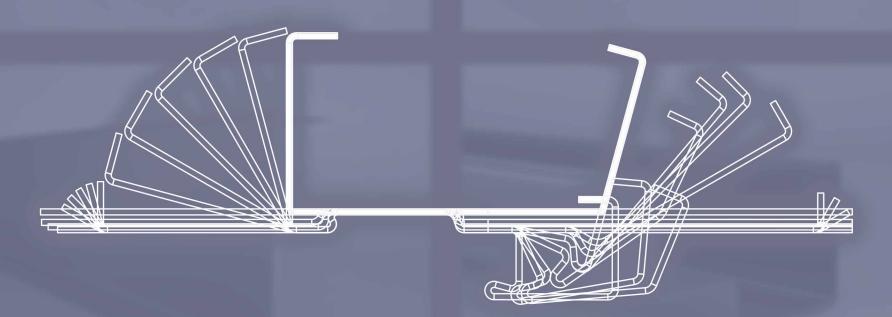










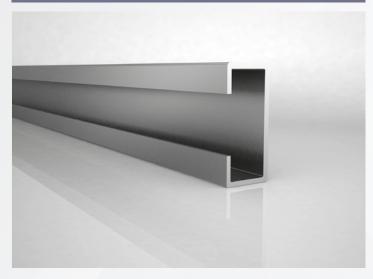


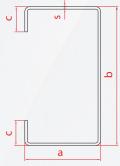
# **CIVIL WORKS & STEEL CONSTRUCTIONS**

- C, Z & SIGMA profiles
- Standard industrial tubes & profiles
- Crane & cornice profiles
- Scaffolding special profiles
- Window & door sub-frame profiles
- PVC joinery support profiles
- Gypsum board wall & suspended ceiling profiles
- Special profiles for steel construction
- Fire door frame
- Door frame

The design and production of our molds and fixtures that are used in every stage of the production are produced by our own experienced technical team. On special profiles punching, bending, edge reducing, edging, end cutting and similar requested applications can be performed to have them as semi and finished product.

#### C PROFILES

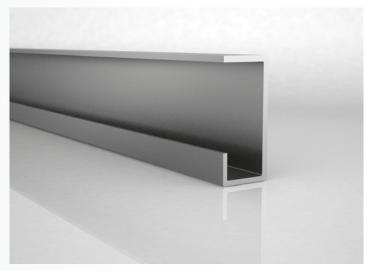


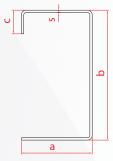


| Dimensions | A (mm) | B (mm) | C (mm) | S (mm) |
|------------|--------|--------|--------|--------|
| Min.       | 5      | 10     | 10     | 0,5    |
| Max.       | 245    | 500    | 150    | 8      |

All types of C profiles which their minimum and maximum measures are mentioned above are manufactured by our company.

#### C PROFILES



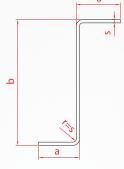


| Dimensions | A (mm) | B (mm) | C (mm) | S (mm) |
|------------|--------|--------|--------|--------|
| Min.       | 5      | 10     | 10     | 0,5    |
| Max.       | 245    | 500    | 150    | 8      |

All types of C profiles which their minimum and maximum measures are mentioned above are manufactured by our company.

#### **Z PROFILES**

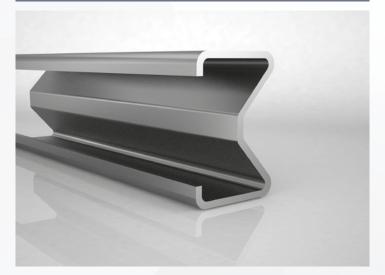




| Dimensions | A (mm) | B (mm) | S (mm) |
|------------|--------|--------|--------|
| Min.       | 5      | 10     | 0,5    |
| Max.       | 120    | 500    | 8      |

All types of Z profiles which their minimum and maximum measures are mentioned above are manufactured by our company.

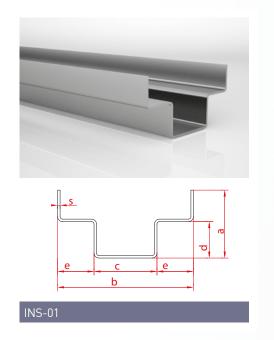
#### SIGMA PROFILES

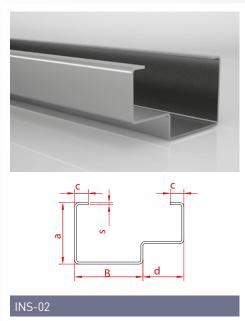


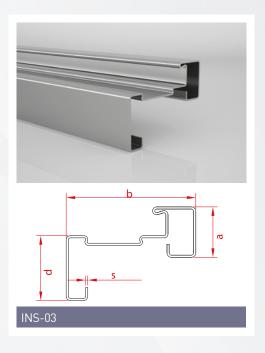


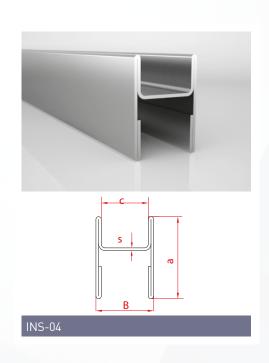
| Dimensions | A (mm) | B (mm) | C (mm) | S (mm) |
|------------|--------|--------|--------|--------|
| Min.       | 30     | 40     | 10     | 0,5    |
| Max.       | 150    | 500    | 100    | 8      |

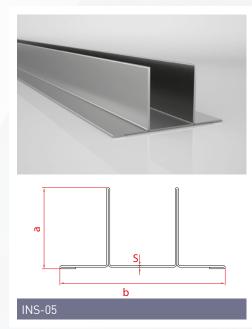
All types of Sigma profiles which their minimum and maximum measures are mentioned above are manufactured by our company.

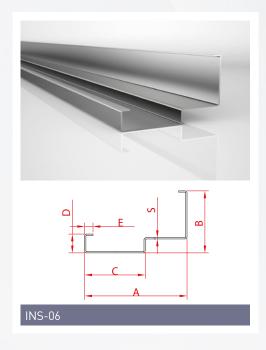


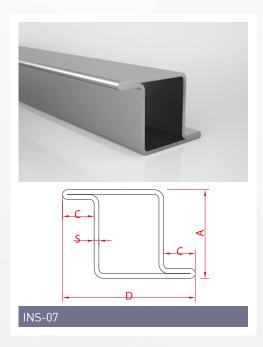


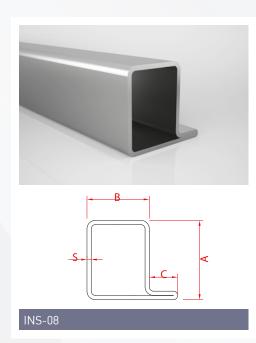


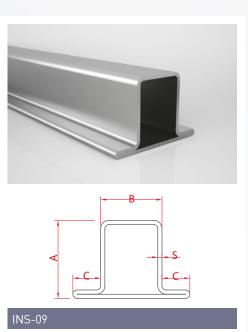


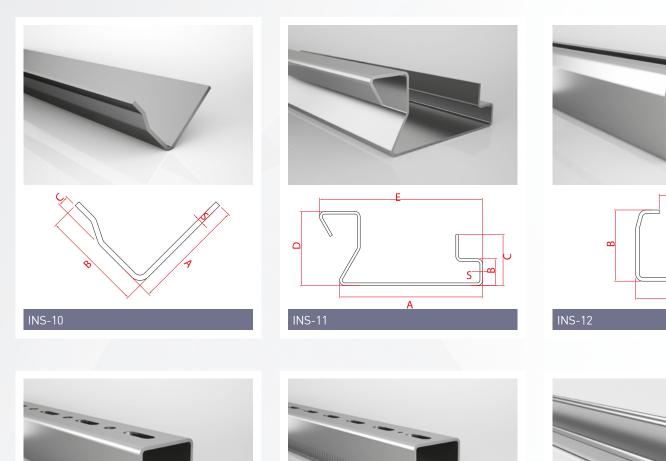


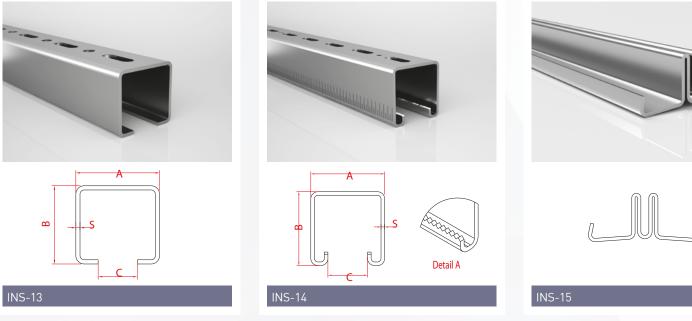


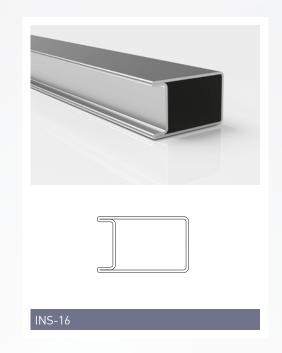


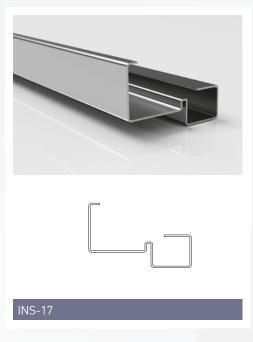


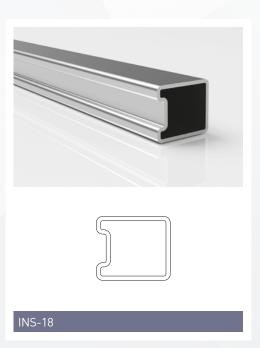




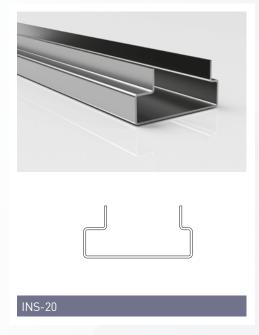








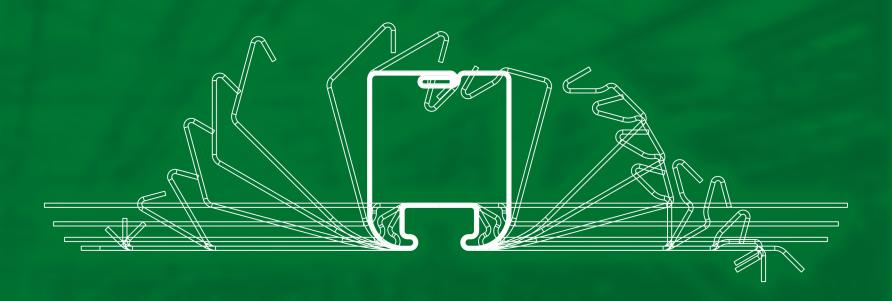






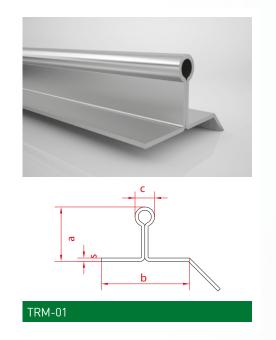


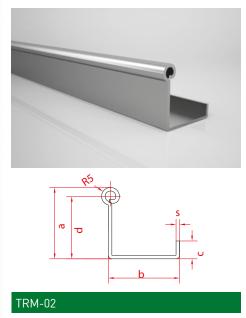


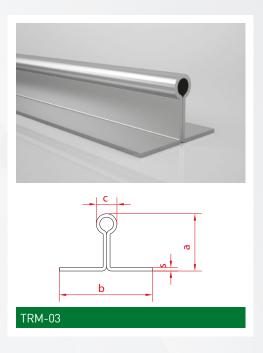


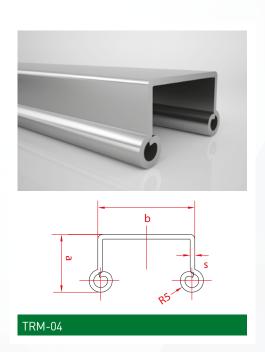
# PROFILES FOR AGRICULTURE AND GREENHOUSE

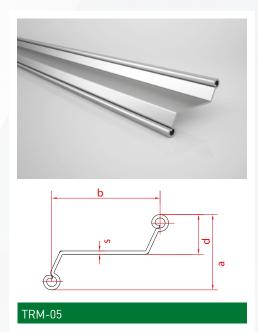
- Greenhouse profiles & parts
  - Greenhouse U, L & I clips
    - Connection parts •
- Tubes and profiles in special cross-section
  - Gutter range in different shapes & sizes •

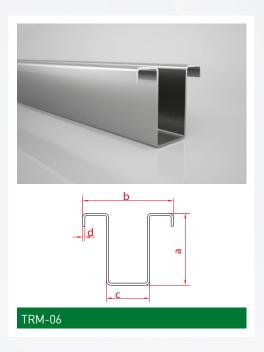


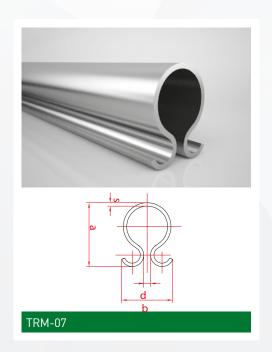


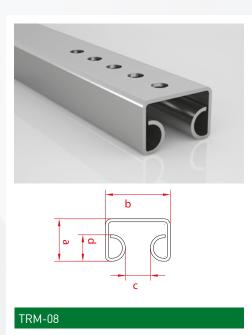


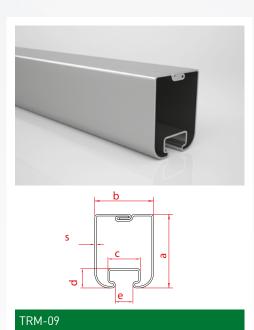


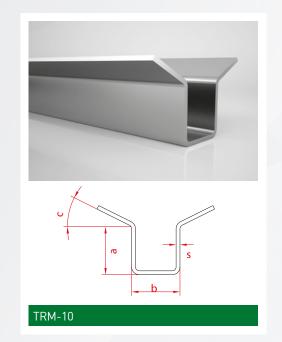


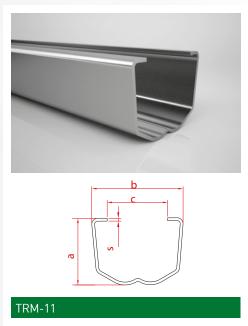


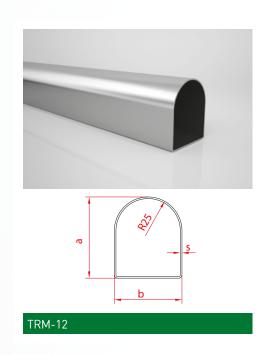


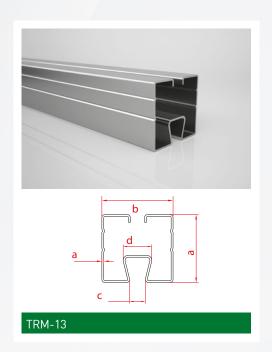


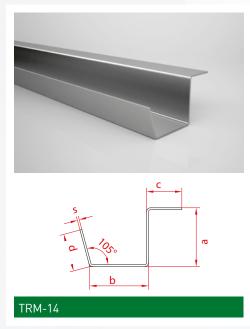


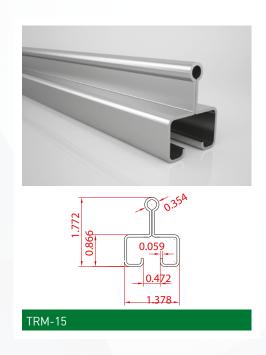


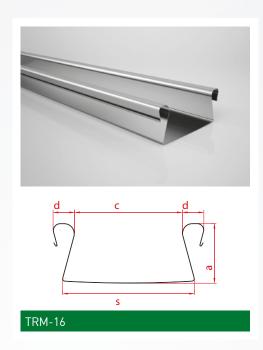


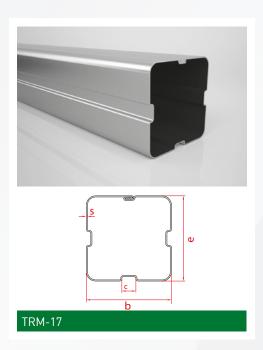


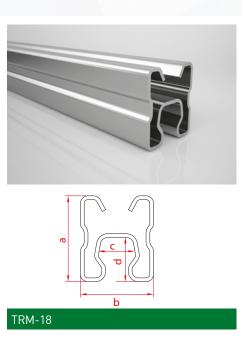


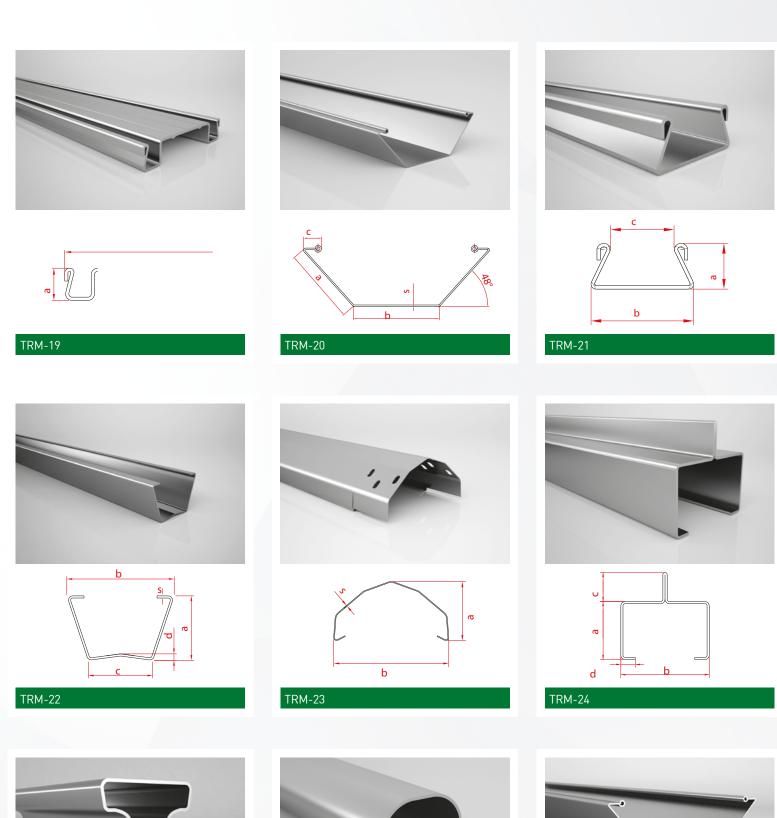


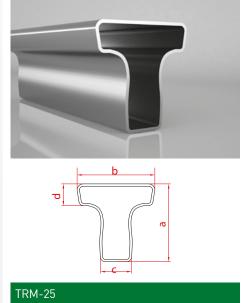


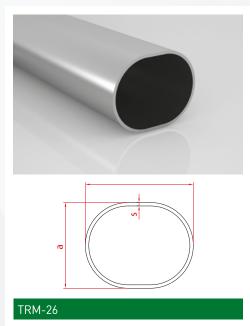


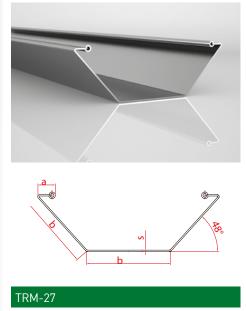


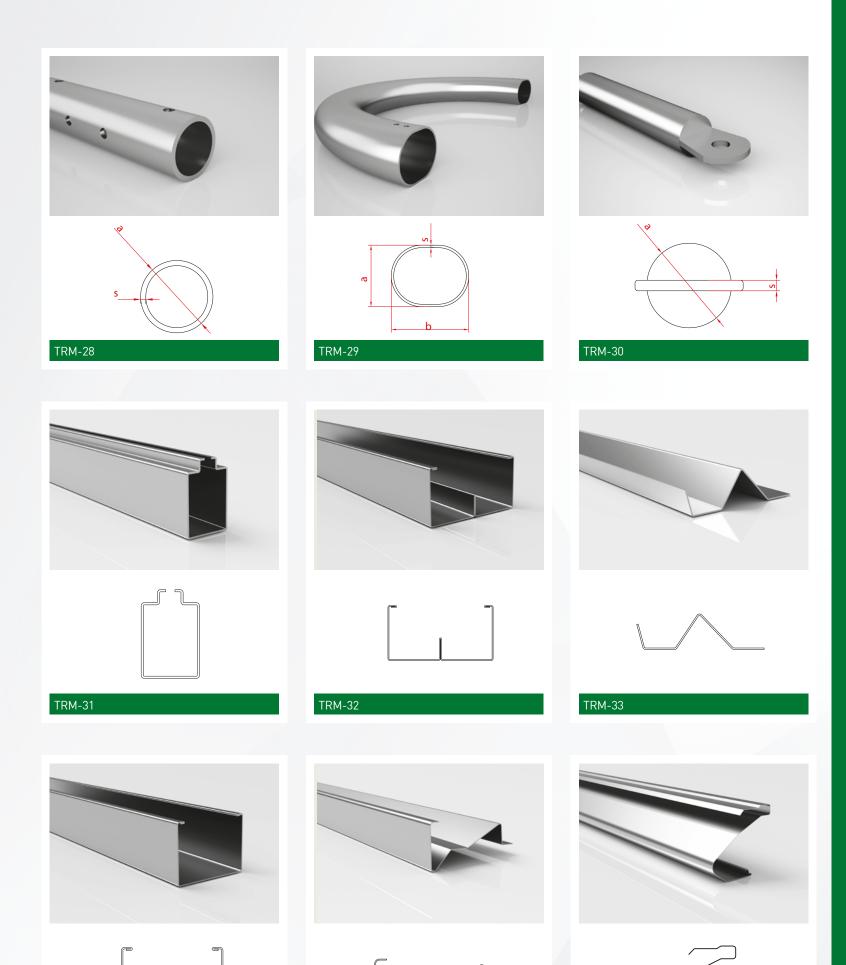










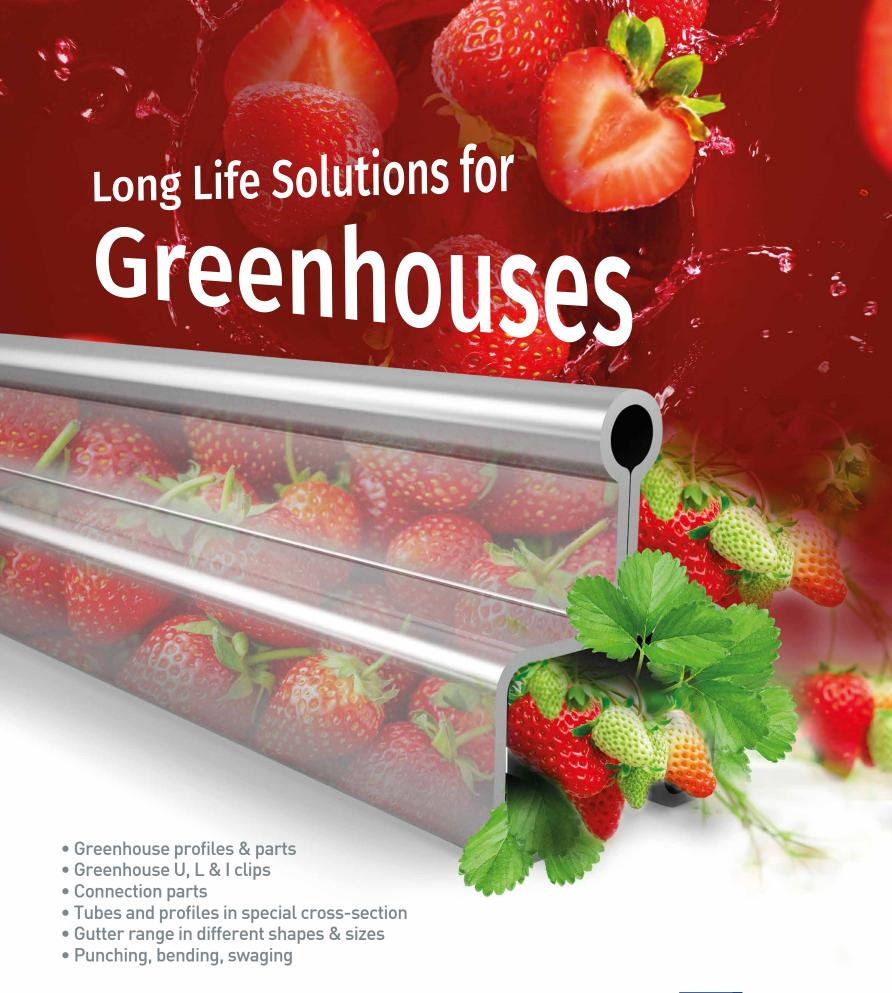


TRM-35

TRM-34



TRM-36







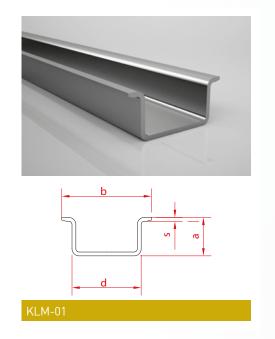


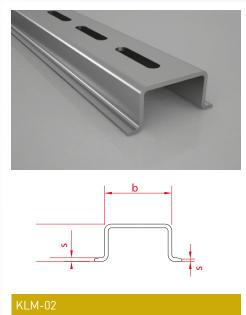


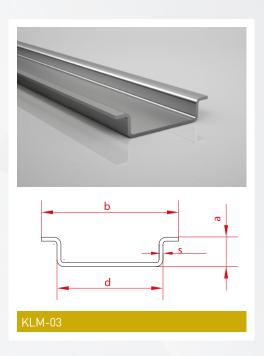
## **PROFILES FOR ELECTRIC & ELECTRONICS**

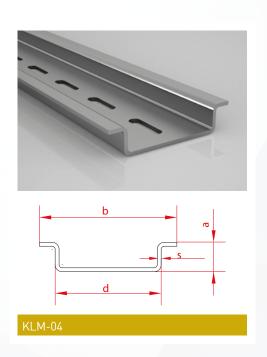
- Connector mounting rails
  - Cable carrying profiles
    - Cable trays 🔸
- Profiles for domestic appliances
  - Handle profiles 🔸
  - Frame profiles •
- Special profiles with inox material
  - Oven burner pipes •
  - Electrical panel profiles
    - Cable glands •

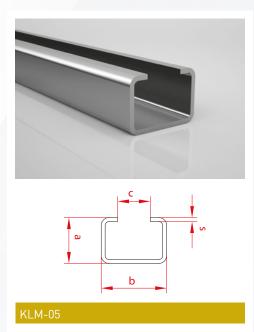
The design and production of our molds and fixtures that are used in every stage of the production are produced by our own experienced technical team. On special profiles punching, bending, edge reducing, edging, end cutting and similar requested applications can be performed to have them as semi and finished product.

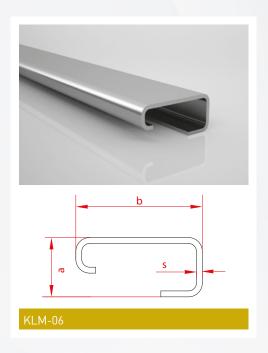


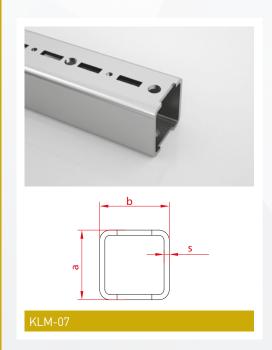


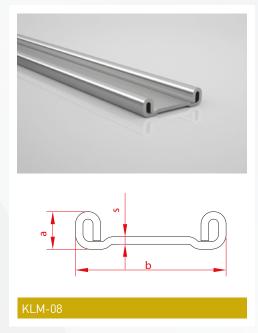


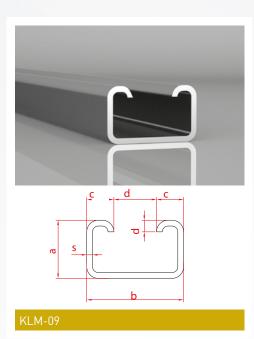


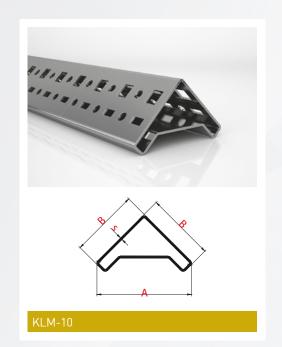


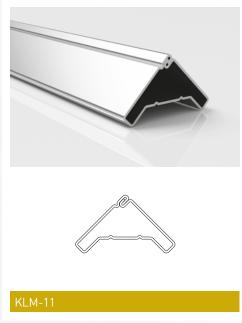












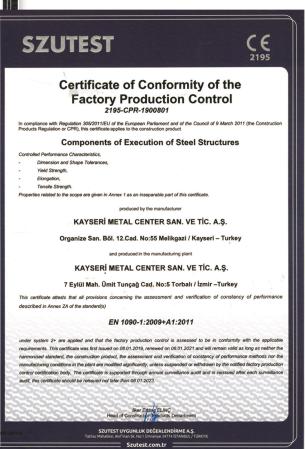


# Our Quality Policy

The main objective of KMC Group is to be prestigious and trustworthy organization on the manufacturing of special profiles in both domestic & international market with the trademark of MEKO Metal. In this meaning, our quality policy is to produce our products, which meet our customers' expectations, in reliable conditions, in good quality and on time in order to main tain the customer satisfaction.

Our quality system is certified according to the standards of ISO/TS 16949 and ISO9001.







#### Certificate of Registration

This certificate has been awarded to

#### KAYSERİ METAL CENTER SANAYİ VE TİCARET A.Ş.

Yedieylül Mah. Ümit Tunçağ Cad. No:5 Torbalı/İZMİR, İZMİR, Turkey

in recognition of the organization's Quality Management System which complies with

#### IATF 16949:2016

The scope of activities covered by this certificate is defined below

Manufacture of Window and Door Profiles (Excludes Product Design under Clause 8.3)





### Certificate of Registration

This certificate has been awarded to

#### KAYSERİ METAL CENTER SANAYİ VE TİCARET A.Ş.

Yedieylül Mah. Ümit Tunçağ Cad. No:5 Torbalı/İZMİR, İZMİR, Turkey

in recognition of the organization's Quality Management System which complies with

#### ISO 9001:2015

The scope of activities covered by this certificate is defined below

Manufacture of Window and Door Profiles (Excludes Product Design under Clause 8.3)



Issued by

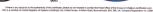


behalf of the Schemes Manage













# THE PROFILE OF THE WORLD



















#### **MEKO TUBING**

7 Eylül Mah. Ümit Tunçağ Cad. No:5 Torbalı - İZMİR / TÜRKİYE T: +90 232 274 80 00 - F: +90 232 335 51 38 E: meko@mekometal.com.tr - export@kmc.com.tr

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