

## U-Profiles (U-Channels)

### U-Profile

07



#### Notes:

\* The weight of each profile is calculated by measuring it's cross-sectional area and multiplying it by the material density. The aluminium density is considered to be 2,70 gr/cm<sup>3</sup>.

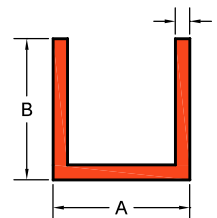
\*\* Alloy and Length is subject to customer's request.

\*\*\* Radii less than 1mm are not stated.

A = Width

B = Height

t = thickness



#### EXPERTS IN ALUMINIUM™

| Profile Code | B (mm) | A (mm) | B (mm) | t (mm) | Additional charge | Area Flaeche (mm <sup>2</sup> ) | Weight Gewicht (Kg/m) |
|--------------|--------|--------|--------|--------|-------------------|---------------------------------|-----------------------|
| 07-0079      | 10     | 10     | 10     | 1.5    |                   | 41                              | 0,11                  |
| 07-0055      | 10     | 10     | 10     | 2      |                   | 52                              | 0,14                  |
| 07-0143      | 15     | 10     | 15     | 2      |                   | 62                              | 0,19                  |
| 07-0085      | 20     | 10     | 20     | 2      |                   | 72                              | 0,25                  |
| 07-0167      | 12     | 14     | 12     | 2      |                   | 72                              | 0,18                  |
| 07-0165      | 15     | 15     | 15     | 1.5    |                   | 63                              | 0,17                  |
| 07-0005      | 15     | 15     | 15     | 2      |                   | 82                              | 0,22                  |
| 07-0146      | 20     | 15     | 20     | 1.5    |                   | 71                              | 0,21                  |
| 07-0095      | 20     | 15     | 20     | 2      |                   | 92                              | 0,28                  |
| 07-0070      | 25     | 15     | 25     | 1.5    |                   | 78                              | 0,25                  |
| 07-0037      | 10     | 20     | 10     | 2      |                   | 92                              | 0,19                  |
| 07-0126      | 15     | 20     | 15     | 2      |                   | 102                             | 0,25                  |
| 07-0064      | 20     | 20     | 20     | 1.5    |                   | 86                              | 0,23                  |
| 07-0000      | 20     | 20     | 20     | 2      |                   | 112                             | 0,30                  |
| 07-0084      | 20     | 20     | 20     | 3      |                   | 162                             | 0,44                  |
| 07-0128      | 25     | 20     | 25     | 2      |                   | 122                             | 0,36                  |
| 07-0003      | 30     | 20     | 30     | 2      |                   | 132                             | 0,41                  |
| 07-0121      | 30     | 20     | 30     | 3      |                   | 192                             | 0,60                  |
| 07-0018      | 40     | 20     | 40     | 2      |                   | 152                             | 0,52                  |
| 07-0082      | 40     | 20     | 40     | 2.5    |                   | 188                             | 0,64                  |
| 07-0111      | 40     | 20     | 40     | 4      |                   | 288                             | 0,99                  |
| 07-0110      | 23     | 23     | 23     | 1.5    |                   | 99                              | 0,27                  |
| 07-0063      | 12     | 25     | 12     | 2      |                   | 116                             | 0,24                  |
| 07-0150      | 15     | 25     | 15     | 2      |                   | 122                             | 0,28                  |
| 07-0006      | 20     | 25     | 20     | 2      |                   | 132                             | 0,33                  |
| 07-0158      | 20     | 25     | 20     | 3      |                   | 192                             | 0,48                  |
| 07-0002      | 25     | 25     | 25     | 2      |                   | 142                             | 0,38                  |
| 07-0010      | 25     | 25     | 25     | 3      |                   | 207                             | 0,56                  |
| 07-0077      | 35     | 25     | 35     | 2      |                   | 162                             | 0,49                  |
| 07-0019      | 40     | 25     | 40     | 2      |                   | 172                             | 0,55                  |
| 07-0170      | 20     | 26.5   | 20     | 1.5    |                   | 105                             | 0,26                  |

| Profile<br>Code | B<br>(mm) | A<br>(mm) | B<br>(mm) | t<br>(mm) | Additional<br>charge | Area<br><i>Flaeche</i><br>(mm <sup>2</sup> ) | Weight<br><i>Gewicht</i><br>(Kg/m) |
|-----------------|-----------|-----------|-----------|-----------|----------------------|----------------------------------------------|------------------------------------|
| 07-0057         | 15        | 30        | 15        | 2         |                      | 142                                          | 0,30                               |
| 07-0001         | 20        | 30        | 20        | 2         |                      | 152                                          | 0,36                               |
| 07-0156         | 20        | 30        | 20        | 3         |                      | 222                                          | 0,52                               |
| 07-0050         | 30        | 30        | 30        | 2         |                      | 172                                          | 0,46                               |
| 07-0004         | 30        | 30        | 30        | 3         |                      | 252                                          | 0,68                               |
| 07-0074         | 35        | 30        | 35        | 2         |                      | 182                                          | 0,52                               |
| 07-0034         | 40        | 30        | 40        | 2         |                      | 192                                          | 0,57                               |
| 07-0042         | 40        | 30        | 40        | 3         |                      | 282                                          | 0,84                               |
| 07-0035         | 50        | 30        | 50        | 3         |                      | 312                                          | 1,00                               |
| 07-0067         | 60        | 30        | 60        | 2         |                      | 232                                          | 0,79                               |
| 07-0097         | 60        | 30        | 60        | 3         |                      | 342                                          | 1,17                               |
| 07-0007         | 20        | 35        | 20        | 2         |                      | 172                                          | 0,38                               |
| 07-0086         | 25        | 35        | 25        | 2         |                      | 182                                          | 0,44                               |
| 07-0016         | 35        | 35        | 35        | 2         |                      | 202                                          | 0,55                               |
| 07-0107         | 35        | 35        | 35        | 3         |                      | 297                                          | 0,80                               |
| 07-0114         | 30        | 36        | 30        | 2         |                      | 196                                          | 0,50                               |
| 07-0109         | 15        | 40        | 15        | 2         |                      | 182                                          | 0,36                               |
| 07-0008         | 20        | 40        | 20        | 2         |                      | 192                                          | 0,41                               |
| 07-0081         | 20        | 40        | 20        | 2.5       |                      | 238                                          | 0,51                               |
| 07-0083         | 20        | 40        | 20        | 3         |                      | 282                                          | 0,60                               |
| 07-0119         | 25        | 40        | 25        | 2         |                      | 202                                          | 0,47                               |
| 07-0104         | 25        | 40        | 25        | 3         |                      | 297                                          | 0,68                               |
| 07-0141         | 30        | 40        | 30        | 2         |                      | 212                                          | 0,52                               |
| 07-0011         | 30        | 40        | 30        | 3         |                      | 312                                          | 0,76                               |
| 07-0051         | 40        | 40        | 40        | 2         |                      | 232                                          | 0,63                               |
| 07-0106         | 40        | 40        | 40        | 2.5       |                      | 288                                          | 0,78                               |
| 07-0020         | 40        | 40        | 40        | 3         |                      | 342                                          | 0,92                               |
| 07-0021         | 40        | 40        | 40        | 4         |                      | 448                                          | 1,21                               |
| 07-0047         | 50        | 40        | 50        | 2         |                      | 252                                          | 0,73                               |
| 07-0160         | 50        | 40        | 50        | 4         |                      | 488                                          | 1,43                               |
| 07-0115         | 60        | 40        | 60        | 4         |                      | 528                                          | 1,65                               |
| 07-0048         | 60        | 40        | 60        | 5         |                      | 650                                          | 2,03                               |
| 07-0122         | 15        | 45        | 15        | 2         |                      | 202                                          | 0,38                               |
| 07-0009         | 20        | 45        | 20        | 2         |                      | 212                                          | 0,44                               |
| 07-0078         | 30        | 45        | 30        | 4         |                      | 448                                          | 1,05                               |
| 07-0133         | 45        | 45        | 45        | 2         |                      | 262                                          | 0,71                               |
| 07-0053         | 20        | 50        | 20        | 2         |                      | 232                                          | 0,47                               |
| 07-0102         | 20        | 50        | 20        | 5         |                      | 550                                          | 1,08                               |
| 07-0108         | 25        | 50        | 25        | 2.5       |                      | 300                                          | 0,64                               |
| 07-0091         | 25        | 50        | 25        | 3         |                      | 357                                          | 0,76                               |
| 07-0012         | 30        | 50        | 30        | 2         |                      | 252                                          | 0,57                               |
| 07-0013         | 30        | 50        | 30        | 3         |                      | 372                                          | 0,84                               |
| 07-0014         | 30        | 50        | 30        | 4         |                      | 488                                          | 1,10                               |
| 07-0092         | 30        | 50        | 30        | 5         |                      | 600                                          | 1,35                               |
| 07-0044         | 40        | 50        | 40        | 4         |                      | 528                                          | 1,32                               |
| 07-0101         | 40        | 50        | 40        | 5         |                      | 650                                          | 1,62                               |
| 07-0088         | 50        | 50        | 50        | 2         |                      | 292                                          | 0,79                               |

| Profile<br>Code | B<br>(mm) | A<br>(mm) | B<br>(mm) | t<br>(mm) | Additional<br>charge | Area<br><i>Flaeche</i><br>(mm <sup>2</sup> ) | Weight<br><i>Gewicht</i><br>(Kg/m) |
|-----------------|-----------|-----------|-----------|-----------|----------------------|----------------------------------------------|------------------------------------|
| 07-0025         | 50        | 50        | 50        | 3         |                      | 432                                          | 1,17                               |
| 07-0026         | 50        | 50        | 50        | 4         |                      | 568                                          | 1,53                               |
| 07-0027         | 50        | 50        | 50        | 5         |                      | 700                                          | 1,89                               |
| 07-0094         | 25        | 55        | 25        | 2         |                      | 262                                          | 0,55                               |
| 07-0096         | 45        | 55        | 45        | 2         |                      | 302                                          | 0,76                               |
| 07-0144         | 50        | 55        | 50        | 2         |                      | 312                                          | 0,82                               |
| 07-0131         | 15        | 60        | 15        | 3         |                      | 387                                          | 0,68                               |
| 07-0049         | 20        | 60        | 20        | 2         |                      | 272                                          | 0,52                               |
| 07-0015         | 30        | 60        | 30        | 3         |                      | 432                                          | 0,92                               |
| 07-0080         | 30        | 60        | 30        | 4         |                      | 568                                          | 1,21                               |
| 07-0127         | 40        | 60        | 40        | 2.5       |                      | 388                                          | 0,91                               |
| 07-0022         | 40        | 60        | 40        | 3         |                      | 462                                          | 1,09                               |
| 07-0023         | 40        | 60        | 40        | 4         |                      | 608                                          | 1,43                               |
| 07-0036         | 40        | 60        | 40        | 5         |                      | 750                                          | 1,76                               |
| 07-0118         | 50        | 60        | 50        | 2         |                      | 332                                          | 0,85                               |
| 07-0112         | 50        | 60        | 50        | 3         |                      | 492                                          | 1,25                               |
| 07-0030         | 60        | 60        | 60        | 3         |                      | 522                                          | 1,41                               |
| 07-0046         | 60        | 60        | 60        | 4         |                      | 688                                          | 1,86                               |
| 07-0031         | 60        | 60        | 60        | 5         |                      | 850                                          | 2,30                               |
| 07-0113         | 25        | 65        | 25        | 2.5       |                      | 375                                          | 0,74                               |
| 07-0099         | 55        | 65        | 55        | 2.5       |                      | 450                                          | 1,15                               |
| 07-0116         | 40        | 70        | 40        | 3         |                      | 522                                          | 1,17                               |
| 07-0147         | 40        | 70        | 40        | 4         |                      | 688                                          | 1,53                               |
| 07-0132         | 70        | 70        | 70        | 5         |                      | 1000                                         | 2,71                               |
| 07-0065         | 80        | 72        | 80        | 5         |                      | 1070                                         | 3,00                               |
| 07-0041         | 20        | 80        | 20        | 2         |                      | 352                                          | 0,63                               |
| 07-0135         | 20        | 80        | 20        | 4         |                      | 688                                          | 1,21                               |
| 07-0052         | 30        | 80        | 30        | 3         |                      | 552                                          | 1,09                               |
| 07-0056         | 40        | 80        | 40        | 3         |                      | 582                                          | 1,25                               |
| 07-0075         | 40        | 80        | 40        | 4         |                      | 768                                          | 1,64                               |
| 07-0137         | 40        | 80        | 40        | 5         |                      | 950                                          | 2,03                               |
| 07-0103         | 40        | 80        | 40        | 6         |                      | 1128                                         | 2,40                               |
| 07-0130         | 45        | 80        | 45        | 6         |                      | 1158                                         | 2,57                               |
| 07-0028         | 50        | 80        | 50        | 3         |                      | 612                                          | 1,41                               |
| 07-0059         | 50        | 80        | 50        | 5         |                      | 1000                                         | 2,30                               |
| 07-0152         | 60        | 80        | 60        | 5         |                      | 1050                                         | 2,56                               |
| 07-0045         | 75        | 80        | 75        | 5         |                      | 1125                                         | 2,97                               |
| 07-0032         | 80        | 80        | 80        | 4         |                      | 928                                          | 2,51                               |
| 07-0076         | 80        | 80        | 80        | 5         |                      | 1150                                         | 3,11                               |
| 07-0090         | 85        | 85        | 85        | 3         |                      | 747                                          | 2,02                               |
| 07-0117         | 40        | 86        | 40        | 3         |                      | 618                                          | 1,30                               |
| 07-0071         | 30        | 90        | 30        | 2         |                      | 412                                          | 0,79                               |
| 07-0098         | 40        | 90        | 40        | 3         |                      | 642                                          | 1,33                               |
| 07-0029         | 50        | 90        | 50        | 3         |                      | 672                                          | 1,49                               |
| 07-0161         | 50        | 90        | 50        | 5         |                      | 1100                                         | 2,43                               |
| 07-0124         | 12        | 100       | 12        | 3         |                      | 618                                          | 0,96                               |
| 07-0040         | 20        | 100       | 20        | 2         |                      | 432                                          | 0,73                               |

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|-----------------|-----------|-----------|-----------|-----------|----------------------|----------------------------------------------|------------------------------------|
| 07-0134         | 30        | 100       | 30        | 3         |                      | 672                                          | 1,25                               |
| 07-0159         | 40        | 100       | 40        | 2         |                      | 472                                          | 0,95                               |
| 07-0017         | 40        | 100       | 40        | 3         |                      | 702                                          | 1,41                               |
| 07-0062         | 40        | 100       | 40        | 4         |                      | 928                                          | 1,86                               |
| 07-0058         | 50        | 100       | 50        | 3         |                      | 732                                          | 1,57                               |
| 07-0060         | 50        | 100       | 50        | 4         |                      | 968                                          | 2,07                               |
| 07-0024         | 50        | 100       | 50        | 5         |                      | 1200                                         | 2,57                               |
| 07-0157         | 50        | 100       | 50        | 8         |                      | 1872                                         | 3,97                               |
| 07-0148         | 50        | 100       | 50        | 10        |                      | 2300                                         | 4,86                               |
| 07-0162         | 55        | 100       | 55        | 8         |                      | 1912                                         | 4,19                               |
| 07-0151         | 100       | 100       | 100       | 4         |                      | 1168                                         | 3,15                               |
| 07-0054         | 100       | 100       | 100       | 5         |                      | 1450                                         | 3,92                               |
| 07-0100         | 40        | 106       | 40        | 3         |                      | 738                                          | 1,46                               |
| 07-0120         | 50        | 108       | 50        | 3         |                      | 780                                          | 1,64                               |
| 07-0038         | 20        | 120       | 20        | 2         |                      | 512                                          | 0,84                               |
| 07-0136         | 20        | 120       | 20        | 2.5       |                      | 638                                          | 1,05                               |
| 07-0072         | 30        | 120       | 30        | 2         |                      | 532                                          | 0,95                               |
| 07-0039         | 40        | 120       | 40        | 3         |                      | 822                                          | 1,57                               |
| 07-0163         | 40        | 120       | 40        | 5         |                      | 1350                                         | 2,57                               |
| 07-0149         | 45        | 120       | 45        | 10        |                      | 2650                                         | 5,13                               |
| 07-0168         | 50        | 120       | 50        | 5         |                      | 1400                                         | 2,83                               |
| 07-0093         | 55        | 120       | 55        | 10        |                      | 2750                                         | 5,67                               |
| 07-0068         | 60        | 120       | 60        | 8         |                      | 2272                                         | 4,84                               |
| 07-0138         | 80        | 120       | 80        | 8         |                      | 2432                                         | 5,72                               |
| 07-0061         | 63        | 125       | 63        | 6         |                      | 1806                                         | 3,87                               |
| 07-0089         | 80        | 125       | 80        | 8         |                      | 2512                                         | 5,81                               |
| 07-0073         | 30        | 140       | 30        | 2         |                      | 612                                          | 1,06                               |
| 07-0129         | 40        | 140       | 40        | 3         |                      | 942                                          | 1,74                               |
| 07-0069         | 60        | 140       | 60        | 6         |                      | 1968                                         | 4,02                               |
| 07-9001         | 60        | 140       | 60        | 8         |                      | 2592                                         | 5,27                               |
| 07-0139         | 50        | 150       | 50        | 3         |                      | 1032                                         | 1,98                               |
| 07-0087         | 50        | 150       | 50        | 16        |                      | 5088                                         | 9,42                               |
| 07-0155         | 100       | 150       | 100       | 5         |                      | 1950                                         | 4,59                               |
| 07-0033         | 80        | 160       | 80        | 8         |                      | 3072                                         | 6,57                               |
| 07-0123         | 80        | 160       | 80        | 10        |                      | 3800                                         | 8,13                               |
| 07-0142         | 40        | 200       | 40        | 3         |                      | 1302                                         | 2,22                               |
| 07-0145         | 20        | 220       | 20        | 4         |                      | 1808                                         | 2,72                               |