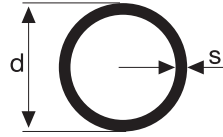

**YUVARLAK BORULAR**  
ROUND TUBES / RUNDROHRE

| Profil No. | d/mm  | s/mm | kg/m  |
|------------|-------|------|-------|
| 3493       | 8     | 2    | 0,102 |
| 1482       | 10    | 1,6  | 0,113 |
| 3860       | 10    | 2    | 0,136 |
| 11664      | 10    | 3    | 0,178 |
| 17794      | 11    | 2,75 | 0,192 |
| 1568       | 12    | 1,5  | 0,133 |
| 1586       | 12    | 2    | 0,170 |
| 7693       | 12    | 3,25 | 0,242 |
| 729        | 12,7  | 2,35 | 0,207 |
| 1228       | 13    | 1    | 0,103 |
| 668        | 13    | 2    | 0,186 |
| 579        | 14    | 1    | 0,110 |
| 876        | 14    | 2    | 0,203 |
| 2732       | 15    | 1    | 0,119 |
| 1130       | 15    | 1,5  | 0,172 |
| 2733       | 15    | 2    | 0,222 |
| 9757       | 15,72 | 1,36 | 0,168 |
| 1078       | 16    | 1    | 0,127 |
| 7854       | 16    | 1,2  | 0,151 |
| 4983       | 16    | 1,5  | 0,185 |
| 4234       | 16    | 2    | 0,238 |
| 510        | 16    | 2,5  | 0,286 |
| 3767       | 16    | 3    | 0,331 |
| 5061       | 16    | 4    | 0,408 |
| 2209       | 16    | 5    | 0,467 |
| 11397      | 17    | 3,45 | 0,397 |
| 2734       | 18    | 1    | 0,145 |
| 4791       | 18    | 1,5  | 0,210 |
| 2120       | 18    | 2,7  | 0,351 |
| 14272      | 18    | 4    | 0,475 |
| 586        | 19    | 1    | 0,153 |
| 8886       | 19    | 1,2  | 0,181 |
| 10689      | 19    | 1,5  | 0,224 |
| 2638       | 19    | 2,5  | 0,350 |
| 792        | 20    | 1    | 0,162 |
| 12208      | 20    | 1,5  | 0,235 |
| 1246       | 20    | 2    | 0,305 |
| 4333       | 20    | 2,5  | 0,371 |
| 16419      | 20    | 3    | 0,432 |
| 563        | 22    | 1    | 0,178 |
| 2027       | 22    | 1,5  | 0,262 |
| 2028       | 22    | 2    | 0,340 |
| 12203      | 22    | 2,5  | 0,413 |
| 13039      | 22    | 4    | 0,610 |
| 1500       | 22    | 5    | 0,721 |
| 17659      | 22    | 8,5  | 0,975 |
| 9959       | 22,72 | 6,56 | 1,005 |
| 11795      | 23    | 4    | 0,645 |
| 2103       | 23,8  | 4,9  | 0,786 |
| 14553      | 24    | 3    | 0,535 |
| 2061       | 24    | 5    | 0,806 |
| 2784       | 24,8  | 1,75 | 0,343 |
| 1299       | 24,9  | 8,9  | 1,207 |
| 562        | 25    | 1    | 0,203 |
| 558        | 25    | 1,5  | 0,300 |
| 2009       | 25    | 2    | 0,390 |
| 1322       | 25    | 2,5  | 0,478 |
| 908        | 25    | 3    | 0,559 |
| 12132      | 25    | 4    | 0,713 |
| 7494       | 25    | 4,25 | 0,748 |
| 4880       | 25    | 5    | 0,849 |

| Profil No. | d/mm | s/mm | kg/m  |
|------------|------|------|-------|
| 695        | 25,4 | 2,7  | 0,520 |
| 17796      | 25,5 | 4,3  | 0,772 |
| 1454       | 25,7 | 1,2  | 0,248 |
| 12756      | 27   | 9    | 1,374 |
| 561        | 28   | 1    | 0,229 |
| 11789      | 28   | 1,5  | 0,338 |
| 4057       | 28   | 2    | 0,441 |
| 1585       | 28   | 3    | 0,637 |
| 6948       | 28   | 5,8  | 1,094 |
| 13833      | 28   | 7    | 1,248 |
| 587        | 29,5 | 2,25 | 0,520 |
| 1096       | 30   | 1    | 0,246 |
| 16235      | 30   | 1,5  | 0,362 |
| 1095       | 30   | 2    | 0,475 |
| 1089       | 30   | 2,4  | 0,562 |
| 624        | 30   | 2,5  | 0,583 |
| 517        | 30   | 3    | 0,686 |
| 1913       | 30   | 3,5  | 0,786 |
| 2576       | 30   | 3,95 | 0,872 |
| 2575       | 30   | 4    | 0,883 |
| 639        | 30   | 5    | 1,061 |
| 3082       | 30   | 10   | 1,696 |
| 3083       | 30   | 12,5 | 1,855 |
| 8068       | 30,5 | 3,25 | 0,752 |
| 1300       | 31,8 | 11,6 | 1,987 |
| 1581       | 32   | 1    | 0,262 |
| 1179       | 32   | 1,5  | 0,389 |
| 4923       | 32   | 2    | 0,511 |
| 17195      | 32   | 2    | 0,511 |
| 1459       | 32   | 2,5  | 0,626 |
| 11714      | 32   | 3    | 0,738 |
| 10895      | 32   | 3,5  | 0,846 |
| 11223      | 32,5 | 8,25 | 1,698 |
| 9647       | 33,7 | 2    | 0,539 |
| 16840      | 34   | 1,5  | 0,413 |
| 2191       | 35   | 1    | 0,289 |
| 4021       | 35   | 1,2  | 0,344 |
| 15864      | 35   | 1,3  | 0,373 |
| 10688      | 35   | 1,5  | 0,427 |
| 17108      | 35   | 1,9  | 0,535 |
| 4157       | 35   | 2    | 0,560 |
| 1233       | 35   | 2,5  | 0,689 |
| 3857       | 35   | 3    | 0,814 |
| 12650      | 35   | 5    | 1,272 |
| 809        | 35   | 7,5  | 1,750 |
| 15017      | 35   | 10   | 2,120 |
| 4350       | 35   | 14,4 | 2,516 |
| 5244       | 35,5 | 14,5 | 2,584 |
| 1861       | 36   | 1    | 0,297 |
| 1156       | 36   | 1,5  | 0,439 |
| 1770       | 36   | 6    | 1,527 |
| 17344      | 38   | 3    | 0,891 |
| 6023       | 38   | 4    | 1,154 |
| 14146      | 38   | 8    | 2,036 |
| 750        | 40   | 1,25 | 0,410 |
| 11055      | 40   | 1,5  | 0,492 |
| 3694       | 40   | 2    | 0,644 |
| 8403       | 40   | 2,5  | 0,797 |
| 3862       | 40   | 3    | 0,942 |
| 16293      | 40   | 4    | 1,221 |
| 6024       | 40   | 5    | 1,485 |

| Profil No. | d/mm | s/mm  | kg/m  |
|------------|------|-------|-------|
| 4338       | 40   | 10    | 2,545 |
| 3081       | 40   | 15    | 3,181 |
| 5246       | 40,5 | 16,1  | 3,343 |
| 8643       | 42   | 1,35  | 0,466 |
| 17166      | 42   | 2     | 0,681 |
| 3978       | 42   | 3     | 0,992 |
| 3368       | 44,5 | 12,25 | 3,351 |
| 5666       | 45   | 2     | 0,730 |
| 10695      | 45   | 2,5   | 0,902 |
| 17345      | 45   | 2,8   | 1,002 |
| 5293       | 45   | 3     | 1,069 |
| 6979       | 45   | 5     | 1,697 |
| 5710       | 46   | 1,5   | 0,567 |
| 5700       | 46   | 5     | 1,739 |
| 1783       | 46   | 9     | 2,824 |
| 2366       | 48   | 2     | 0,780 |
| 4067       | 48   | 3     | 1,145 |
| 17103      | 48   | 4     | 1,493 |
| 12135      | 48   | 5     | 1,825 |
| 8587       | 48   | 6     | 2,139 |
| 16540      | 48,3 | 2,5   | 0,972 |
| 16902      | 48,3 | 3     | 1,153 |
| 2221       | 50   | 1,2   | 0,497 |
| 2395       | 50   | 1,5   | 0,617 |
| 7852       | 50   | 1,7   | 0,697 |
| 4982       | 50   | 1,8   | 0,737 |
| 1129       | 50   | 2     | 0,814 |
| 5083       | 50   | 2,3   | 0,932 |
| 2517       | 50   | 2,5   | 1,007 |
| 2574       | 50   | 3     | 1,196 |
| 588        | 50   | 4     | 1,560 |
| 715        | 50   | 5     | 1,909 |
| 1784       | 50   | 9     | 3,129 |
| 3849       | 50   | 10    | 3,393 |
| 14182      | 50   | 15    | 4,455 |
| 16901      | 51   | 2     | 0,832 |
| 7028       | 53   | 6,25  | 2,479 |
| 15199      | 54   | 2     | 0,883 |
| 6947       | 54   | 16,75 | 5,292 |
| 17032      | 55   | 2     | 0,900 |
| 17091      | 55   | 2,5   | 1,113 |
| 6883       | 55   | 10,5  | 3,964 |
| 15690      | 55   | 12    | 4,377 |
| 17328      | 55   | 12,5  | 4,506 |
| 17198      | 55,5 | 4     | 1,747 |
| 7772       | 58   | 2     | 0,951 |
| 11559      | 60   | 1,5   | 0,745 |
| 751        | 60   | 2     | 0,983 |
| 2758       | 60   | 2,5   | 1,219 |
| 3851       | 60   | 3     | 1,450 |
| 12103      | 60   | 4     | 1,901 |
| 12112      | 60   | 5     | 2,333 |
| 18605      | 60   | 5     | 2,333 |
| 8644       | 60   | 6     | 2,749 |
| 14006      | 60   | 8     | 3,529 |
| 4250       | 60   | 10    | 4,242 |
| 3828       | 60   | 15    | 5,725 |
| 5040       | 60   | 20    | 6,786 |
| 15600      | 62   | 2,5   | 1,261 |
| 4711       | 63   | 8     | 3,733 |
| 14341      | 63,5 | 2     | 1,045 |

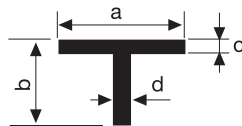


**YUVARLAK BORULAR**  
ROUND TUBES / RUNDROHRE

| Profil No. | d/mm | s/mm | kg/m   |
|------------|------|------|--------|
| 14317      | 64   | 12   | 5,292  |
| 3974       | 65   | 2,5  | 1,325  |
| 11788      | 65   | 5    | 2,546  |
| 15293      | 65   | 6    | 3,003  |
| 10516      | 68   | 4    | 2,171  |
| 10313      | 70   | 1,5  | 0,872  |
| 17092      | 70   | 2    | 1,153  |
| 3853       | 70   | 2,5  | 1,431  |
| 827        | 70   | 3    | 1,705  |
| 16609      | 70   | 4    | 2,241  |
| 3848       | 70   | 15   | 6,998  |
| 14982      | 70   | 16   | 7,331  |
| 15093      | 70   | 20   | 8,484  |
| 780        | 74,5 | 2    | 1,230  |
| 16209      | 75   | 2,5  | 1,540  |
| 16903      | 75   | 3    | 1,840  |
| 1763       | 75   | 5,5  | 3,243  |
| 7615       | 75   | 30,5 | 11,513 |
| 17413      | 76   | 1,5  | 0,948  |
| 4235       | 76   | 3    | 1,858  |
| 17176      | 76   | 4    | 2,444  |
| 3695       | 80   | 2    | 1,323  |
| 3854       | 80   | 2,5  | 1,643  |
| 5145       | 80   | 3    | 1,960  |
| 5117       | 80   | 5    | 3,181  |

| Profil No. | d/mm | s/mm | kg/m   |
|------------|------|------|--------|
| 11134      | 80   | 10   | 5,937  |
| 12134      | 80   | 13   | 7,390  |
| 12133      | 80   | 20   | 10,179 |
| 779        | 81,5 | 2,5  | 1,675  |
| 1367       | 81,5 | 4    | 2,630  |
| 16230      | 85   | 2,5  | 1,750  |
| 581        | 85   | 5    | 3,392  |
| 1439       | 85   | 5    | 3,394  |
| 10690      | 89   | 3,25 | 2,365  |
| 4090       | 90   | 3    | 2,214  |
| 3861       | 90   | 15   | 9,542  |
| 12558      | 92   | 5    | 3,691  |
| 625        | 95   | 2,5  | 1,962  |
| 11534      | 97   | 3    | 2,392  |
| 4998       | 100  | 3    | 2,469  |
| 12113      | 100  | 5    | 4,029  |
| 17816      | 100  | 10   | 7,636  |
| 12431      | 108  | 3    | 2,673  |
| 14289      | 110  | 5    | 4,455  |
| 15342      | 110  | 15   | 12,088 |
| 15345      | 110  | 20   | 15,269 |
| 2672       | 115  | 5    | 4,666  |
| 11913      | 120  | 2    | 2,004  |
| 2519       | 120  | 5    | 4,878  |
| 8645       | 120  | 7,5  | 7,158  |

| Profil No. | d/mm | s/mm | kg/m   |
|------------|------|------|--------|
| 15346      | 120  | 10   | 9,331  |
| 10357      | 120  | 15   | 13,360 |
| 13804      | 124  | 4    | 4,072  |
| 17130      | 125  | 2,5  | 2,599  |
| 17697      | 125  | 5    | 5,090  |
| 11545      | 125  | 10   | 9,755  |
| 15347      | 125  | 12   | 11,502 |
| 5690       | 130  | 42,5 | 31,544 |
| 8646       | 130  | 15   | 14,632 |
| 16424      | 134  | 2    | 2,241  |
| 15819      | 140  | 2    | 2,341  |
| 17196      | 140  | 15   | 15,906 |
| 4999       | 145  | 5    | 5,937  |
| 2673       | 143  | 4    | 4,717  |
| 14135      | 150  | 2,2  | 2,758  |
| 15343      | 150  | 5    | 6,151  |
| 11914      | 150  | 15   | 17,178 |
| 2520       | 150  | 17   | 19,178 |
| 12114      | 155  | 4    | 5,125  |
| 14809      | 155  | 6,5  | 8,190  |
| 11072      | 156  | 3    | 3,894  |
| 4349       | 160  | 4    | 5,295  |
| 15344      | 160  | 15   | 18,450 |
| 17832      | 168  | 8    | 10,858 |
| 9648       | 180  | 6    | 8,856  |

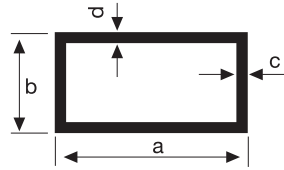


**T - PROFİLLERİ**  
T - PROFILES / T - PROFILE

| Profil No. | a mm | b mm | c mm | d mm | kg/m  |
|------------|------|------|------|------|-------|
| 1850       | 10,6 | 43   | 1,5  | 1,5  | 0,211 |
| 1104       | 13,5 | 15   | 1,5  | 1,5  | 0,109 |
| 1238       | 15   | 35   | 1,5  | 1,5  | 0,197 |
| 664        | 20   | 20   | 1,2  | 1,2  | 0,124 |
| 1060       | 20   | 20   | 1,8  | 1,8  | 0,186 |
| 892        | 25   | 25   | 1,2  | 1,2  | 0,157 |
| 1264       | 25   | 25   | 1,5  | 1,5  | 0,197 |
| 17250      | 30   | 25   | 2    | 2    | 0,286 |
| 1043       | 30   | 30   | 1,3  | 1,3  | 0,205 |
| 1269       | 30   | 30   | 1,5  | 1,5  | 0,238 |
| 605        | 30   | 30   | 2    | 2    | 0,313 |
| 17142      | 30   | 30   | 3    | 3    | 0,462 |
| 13701      | 30   | 30   | 4    | 4    | 0,605 |
| 959        | 30   | 35   | 2    | 2    | 0,340 |
| 1180       | 35   | 18   | 3    | 3    | 0,405 |
| 551        | 40   | 40   | 4    | 4    | 0,820 |
| 8698       | 40   | 50   | 2    | 2    | 0,475 |
| 13442      | 40   | 52   | 2    | 2    | 0,486 |
| 16307      | 40   | 180  | 12   | 10   | 5,832 |
| 4668       | 50   | 17   | 3    | 7    | 0,359 |

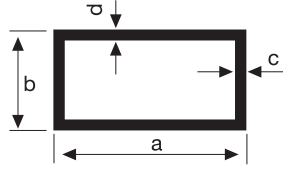
| Profil No. | a mm | b mm | c mm | d mm | kg/m  |
|------------|------|------|------|------|-------|
| 17109      | 50   | 20   | 3    | 3    | 1,037 |
| 15983      | 50   | 50   | 2    | 2    | 0,53  |
| 5147       | 50   | 50   | 5    | 5    | 1,283 |
| 14514      | 50   | 70   | 3    | 3    | 0,948 |
| 12072      | 50   | 110  | 3,2  | 4    | 1,585 |
| 15777      | 58   | 58   | 1,8  | 1,8  | 0,556 |
| 2714       | 60   | 42,5 | 2,5  | 2,5  | 0,675 |
| 18123      | 60   | 60   | 2    | 2    | 0,637 |
| 5417       | 60   | 60   | 6    | 6    | 1,847 |
| 2823       | 60   | 95   | 8    | 8    | 3,175 |
| 16760      | 60   | 100  | 5    | 5    | 2,093 |
| 13221      | 60,3 | 11   | 3    | 12   | 0,748 |
| 9117       | 62   | 27   | 2    | 2    | 0,47  |
| 11326      | 70   | 70   | 8    | 8    | 2,851 |
| 5470       | 75   | 14,5 | 2,5  | 7    | 0,733 |
| 17110      | 80   | 20   | 3    | 3    | 1,523 |
| 9387       | 80   | 44   | 2    | 2    | 0,659 |
| 12961      | 80   | 50   | 2    | 2    | 0,691 |
| 12960      | 80   | 50   | 2,5  | 2,5  | 0,861 |
| 7546       | 80   | 60   | 2    | 2    | 0,745 |

| Profil No. | a mm | b mm | c mm | d mm | kg/m  |
|------------|------|------|------|------|-------|
| 17318      | 80   | 80   | 4    | 4    | 1,685 |
| 14210      | 80   | 100  | 10   | 20   | 6,48  |
| 13228      | 80   | 180  | 10   | 10   | 6,75  |
| 12071      | 80   | 205  | 4,3  | 4    | 3,100 |
| 5551       | 90   | 10   | 4,5  | 10,8 | 1,254 |
| 15556      | 90   | 45   | 2    | 2    | 0,718 |
| 18338      | 90   | 58   | 4    | 4    | 1,555 |
| 14858      | 100  | 50   | 2    | 2    | 0,8   |
| 8147       | 100  | 53   | 3    | 3    | 1,215 |
| 8765       | 100  | 60   | 5    | 5    | 2,093 |
| 18339      | 100  | 100  | 10   | 10   | 5,13  |
| 8699       | 110  | 50   | 2    | 2    | 0,853 |
| 13155      | 120  | 50   | 1,8  | 1,8  | 0,818 |
| 10183      | 120  | 50   | 2    | 2    | 0,907 |
| 14768      | 120  | 90   | 2    | 2    | 1,123 |
| 5560       | 140  | 10   | 4,5  | 10,8 | 1,862 |
| 18340      | 160  | 80   | 15   | 10   | 8,235 |
| 18408      | 240  | 100  | 10   | 10   | 8,91  |
|            |      |      |      |      |       |
|            |      |      |      |      |       |


**DİKDÖRTGEN KUTULAR**  
RECTANGULAR TUBES / RECHTECKROHRE

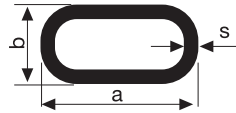
| Profil No. | a/mm | b/mm | c/mm | d/mm | kg/m  |
|------------|------|------|------|------|-------|
| 1114       | 16   | 12   | 1    | 1    | 0,140 |
| 955        | 18   | 12   | 1    | 1    | 0,151 |
| 741        | 18   | 12   | 1,5  | 1,5  | 0,219 |
| 1037       | 18   | 14   | 1    | 1    | 0,162 |
| 5993       | 20   | 8    | 1,2  | 1,2  | 0,166 |
| 761        | 20   | 10   | 1,2  | 1,2  | 0,165 |
| 12512      | 20   | 10   | 2    | 2    | 0,281 |
| 11424      | 20   | 15   | 2    | 2    | 0,335 |
| 14939      | 21,8 | 8,5  | 1,5  | 1,5  | 0,249 |
| 13855      | 25   | 15   | 1,8  | 1,8  | 0,354 |
| 4545       | 25   | 15   | 2    | 2    | 0,389 |
| 943        | 25   | 17   | 1    | 1    | 0,216 |
| 13779      | 25   | 20   | 2    | 2    | 0,443 |
| 541        | 27,5 | 13,5 | 1,2  | 1,2  | 0,256 |
| 821        | 35   | 8    | 1,3  | 1,3  | 0,284 |
| 1819       | 30   | 15   | 1    | 1    | 0,232 |
| 1112       | 30   | 15   | 2    | 2    | 0,443 |
| 733        | 30   | 20   | 1,2  | 1,2  | 0,308 |
| 5323       | 30   | 20   | 2    | 2    | 0,497 |
| 16676      | 30   | 20   | 3    | 3    | 0,713 |
| 17111      | 34   | 20   | 3    | 3    | 0,778 |
| 821        | 35   | 8    | 1,3  | 1,3  | 0,284 |
| 11297      | 35   | 12   | 1,4  | 1,4  | 0,335 |
| 15912      | 36,8 | 32   | 2    | 2    | 0,700 |
| 11514      | 38,1 | 25,4 | 1,63 | 1,63 | 0,530 |
| 16094      | 40   | 10   | 1,5  | 1,5  | 0,381 |
| 1092       | 40   | 15   | 1,5  | 1,5  | 0,421 |
| 3489       | 40   | 15   | 1,8  | 1,8  | 0,500 |
| 13186      | 40   | 15   | 2    | 2    | 0,551 |
| 4665       | 40   | 20   | 1    | 1    | 0,313 |
| 852        | 40   | 20   | 1,2  | 1,2  | 0,373 |
| 5331       | 40   | 20   | 1,3  | 1,3  | 0,404 |
| 8106       | 40   | 20   | 1,5  | 1,5  | 0,462 |
| 16798      | 40   | 20   | 1,6  | 1,6  | 0,492 |
| 3814       | 40   | 20   | 2    | 2    | 0,604 |
| 5005       | 40   | 20   | 2,5  | 2,5  | 0,743 |
| 4239       | 40   | 20   | 3    | 3    | 0,875 |
| 621        | 40   | 25   | 1    | 1    | 0,340 |
| 5369       | 40   | 25   | 2    | 2    | 0,659 |
| 2677       | 40   | 30   | 1    | 1    | 0,367 |
| 16168      | 40   | 30   | 1,5  | 1,5  | 0,543 |
| 4397       | 40   | 30   | 2    | 2    | 0,712 |
| 4944       | 40   | 30   | 2,5  | 2,5  | 0,878 |
| 6251       | 40   | 30   | 3    | 3    | 1,037 |
| 11135      | 40   | 30   | 4    | 4    | 1,339 |
| 4952       | 40   | 35   | 2    | 2    | 0,767 |
| 14547      | 50   | 19   | 2    | 2    | 0,702 |
| 18176      | 50   | 20   | 1,2  | 1,2  | 0,438 |
| 3816       | 50   | 20   | 2    | 2    | 0,712 |
| 17109      | 50   | 20   | 3    | 3    | 1,037 |
| 17131      | 50   | 20   | 4    | 4    | 1,340 |
| 1782       | 50   | 25   | 2    | 2    | 0,767 |
| 10127      | 50   | 30   | 1,1  | 1,1  | 0,462 |
| 1085       | 50   | 30   | 1,5  | 1,5  | 0,624 |
| 3980       | 50   | 30   | 2    | 2    | 0,820 |
| 4917       | 50   | 30   | 2,5  | 2,5  | 1,013 |
| 3855       | 50   | 30   | 3    | 3    | 1,199 |
| 4792       | 50   | 30   | 4    | 4    | 1,555 |
| 1318       | 50   | 40   | 1    | 1    | 0,475 |
| 797        | 50   | 40   | 1,1  | 1,1  | 0,521 |

| Profil No. | a/mm | b/mm | c/mm | d/mm | kg/m  |
|------------|------|------|------|------|-------|
| 3870       | 50   | 40   | 2    | 2    | 0,928 |
| 4547       | 50   | 40   | 2,5  | 2,5  | 1,148 |
| 3827       | 50   | 40   | 3    | 3    | 1,360 |
| 11136      | 50   | 40   | 4    | 4    | 1,771 |
| 12553      | 56   | 25   | 2    | 2    | 0,832 |
| 16895      | 60   | 10   | 2    | 2    | 0,715 |
| 17341      | 60   | 20   | 1,2  | 1,2  | 0,462 |
| 767        | 60   | 20   | 1,5  | 1,5  | 0,624 |
| 16797      | 60   | 20   | 1,6  | 1,6  | 0,664 |
| 4240       | 60   | 20   | 2    | 2    | 0,821 |
| 516        | 60   | 30   | 1,4  | 1,4  | 0,659 |
| 4489       | 60   | 30   | 2    | 2    | 0,929 |
| 5259       | 60   | 30   | 3    | 3    | 1,361 |
| 1079       | 60   | 40   | 1,5  | 1,5  | 0,786 |
| 3821       | 60   | 40   | 2    | 2    | 1,036 |
| 4056       | 60   | 40   | 2,5  | 2,5  | 1,282 |
| 3822       | 60   | 40   | 3    | 3    | 1,522 |
| 4407       | 60   | 40   | 4    | 4    | 1,987 |
| 4236       | 60   | 50   | 3    | 3    | 1,685 |
| 5832       | 60,5 | 20,4 | 1,7  | 1,7  | 0,712 |
| 14846      | 65   | 20   | 2    | 2    | 0,875 |
| 13207      | 65   | 54   | 1,6  | 1,6  | 1,002 |
| 1652       | 67   | 26   | 1    | 1    | 0,491 |
| 5462       | 70   | 20   | 2    | 2    | 0,929 |
| 15568      | 70   | 20   | 3    | 3    | 1,361 |
| 14525      | 70   | 25   | 2,5  | 2,5  | 1,215 |
| 1121       | 70   | 30   | 1,5  | 1,5  | 0,786 |
| 14281      | 70   | 30   | 2    | 2    | 1,037 |
| 6252       | 70   | 30   | 3    | 3    | 1,523 |
| 10304      | 70   | 50   | 3    | 3    | 1,847 |
| 5370       | 70   | 50   | 4    | 4    | 2,419 |
| 15078      | 72   | 22   | 2    | 2    | 0,972 |
| 1125       | 72   | 40   | 2    | 2    | 1,166 |
| 17121      | 72   | 60   | 4    | 4    | 2,680 |
| 746        | 75   | 32   | 1,3  | 1,3  | 0,735 |
| 14624      | 80   | 15   | 1,5  | 1,5  | 0,745 |
| 4946       | 80   | 20   | 1,5  | 1,5  | 0,786 |
| 16796      | 80   | 20   | 1,6  | 1,6  | 0,837 |
| 4055       | 80   | 20   | 2    | 2    | 1,036 |
| 17110      | 80   | 20   | 3    | 3    | 1,523 |
| 5903       | 80   | 30   | 2    | 2    | 1,145 |
| 13506      | 80   | 30   | 3    | 3    | 1,685 |
| 7749       | 80   | 40   | 1,4  | 1,4  | 0,886 |
| 6137       | 80   | 40   | 1,5  | 1,5  | 0,948 |
| 16743      | 80   | 40   | 1,8  | 1,8  | 1,132 |
| 10855      | 80   | 40   | 2    | 2    | 1,253 |
| 4058       | 80   | 40   | 2,5  | 2,5  | 1,552 |
| 4546       | 80   | 40   | 3    | 3    | 1,847 |
| 4371       | 80   | 40   | 4    | 4    | 2,419 |
| 4066       | 80   | 40   | 6    | 6    | 3,500 |
| 8752       | 80   | 50   | 2    | 2    | 1,361 |
| 4945       | 80   | 50   | 3    | 3    | 2,009 |
| 4238       | 80   | 50   | 4    | 4    | 2,635 |
| 10133      | 80   | 50   | 8    | 8    | 4,925 |
| 17648      | 80   | 60   | 2    | 2    | 1,470 |
| 3982       | 80   | 60   | 3    | 3    | 2,170 |
| 3698       | 80   | 60   | 4    | 4    | 2,851 |
| 13826      | 90   | 50   | 4    | 4    | 2,852 |
| 17631      | 90   | 60   | 5    | 5    | 3,780 |
| 1143       | 95   | 30   | 1,5  | 1,5  | 0,988 |


**DİKDÖRTGEN KUTULAR**  
RECTENGULAR TUBES / RECHTECKROHRE

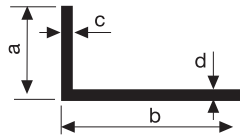
| Profil No. | a/mm | b/mm | c/mm | d/mm | kg/m  |
|------------|------|------|------|------|-------|
| 1248       | 95   | 50   | 1,5  | 1,5  | 1,150 |
| 17336      | 100  | 15   | 1,5  | 1,5  | 0,907 |
| 5505       | 100  | 18   | 2    | 2    | 1,231 |
| 7198       | 100  | 20   | 1,2  | 1,2  | 0,763 |
| 16583      | 100  | 20   | 1,6  | 1,6  | 1,010 |
| 4918       | 100  | 20   | 2    | 2    | 1,253 |
| 6250       | 100  | 20   | 3    | 3    | 1,847 |
| 7199       | 100  | 40   | 1,2  | 1,2  | 0,891 |
| 11138      | 100  | 40   | 2    | 2    | 1,469 |
| 4811       | 100  | 40   | 2,5  | 2,5  | 1,823 |
| 12111      | 100  | 40   | 3    | 3    | 2,171 |
| 11139      | 100  | 40   | 4    | 4    | 2,851 |
| 4001       | 100  | 50   | 2,5  | 2,5  | 1,957 |
| 11166      | 100  | 50   | 1,8  | 1,8  | 1,423 |
| 13153      | 100  | 50   | 2    | 2    | 1,577 |
| 4237       | 100  | 50   | 3    | 3    | 2,333 |
| 4158       | 100  | 50   | 4    | 4    | 3,067 |
| 5435       | 100  | 50   | 5    | 5    | 3,780 |
| 4881       | 100  | 60   | 3    | 3    | 2,495 |
| 5294       | 100  | 60   | 4    | 4    | 3,283 |
| 12545      | 100  | 60   | 8    | 8    | 6,221 |
| 17894      | 110  | 30   | 3    | 3    | 2,171 |
| 16862      | 120  | 18   | 2    | 2    | 1,450 |
| 7222       | 120  | 20   | 2    | 2    | 1,469 |
| 16768      | 120  | 30   | 2    | 2    | 1,577 |
| 8542       | 120  | 30   | 3    | 3    | 2,333 |
| 11265      | 120  | 40   | 2    | 2    | 1,685 |
| 17102      | 120  | 40   | 3    | 3    | 2,495 |

| Profil No. | a/mm | b/mm | c/mm | d/mm | kg/m  |
|------------|------|------|------|------|-------|
| 16155      | 120  | 40   | 4    | 4    | 3,283 |
| 16769      | 120  | 50   | 2    | 2    | 1,793 |
| 11140      | 120  | 60   | 3    | 3    | 2,819 |
| 4401       | 120  | 60   | 4    | 4    | 3,715 |
| 12835      | 120  | 80   | 4    | 4    | 4,147 |
| 15172      | 125  | 65   | 2    | 2    | 2,009 |
| 3111       | 130  | 60   | 4    | 4    | 3,931 |
| 6260       | 140  | 80   | 4    | 4    | 4,580 |
| 14318      | 150  | 50   | 2    | 2    | 2,117 |
| 5168       | 150  | 50   | 4    | 4    | 4,147 |
| 15338      | 150  | 80   | 3    | 3    | 3,629 |
| 4233       | 150  | 100  | 3    | 3    | 3,953 |
| 3434       | 155  | 80   | 3    | 3    | 3,709 |
| 15394      | 180  | 60   | 5    | 5    | 6,210 |
| 17927      | 180  | 140  | 3,8  | 3,8  | 6,407 |
| 15263      | 200  | 40   | 4    | 4    | 5,011 |
| 11141      | 200  | 50   | 4    | 4    | 5,227 |
| 17213      | 200  | 60   | 4    | 4    | 5,443 |
| 6846       | 200  | 70   | 4    | 4    | 5,659 |
| 14236      | 200  | 100  | 2,4  | 2,4  | 3,826 |
| 14567      | 200  | 100  | 4    | 4    | 6,307 |
| 15074      | 200  | 100  | 5    | 5    | 7,830 |
| 14231      | 220  | 100  | 3,8  | 3,8  | 6,410 |
| 14132      | 220  | 140  | 4    | 4    | 7,603 |
| 13807      | 240  | 100  | 4    | 4    | 7,171 |
| 17646      | 250  | 40   | 3    | 3    | 4,600 |
| 14999      | 260  | 40   | 4    | 4    | 6,308 |
| 12287      | 260  | 80   | 3    | 3    | 5,411 |


**YASSI BORULAR**  
FLAT TUBES / FLACHROHRE

| Profil No. | a/mm | b/mm | s/mm | kg/m  |
|------------|------|------|------|-------|
| 15661      | 20   | 10   | 1,2  | 0,154 |
| 6870       | 25   | 10   | 1    | 0,158 |
| 709        | 26   | 10   | 1,5  | 0,238 |
| 583        | 26   | 15   | 1,5  | 0,262 |
| 6027       | 29,9 | 12,2 | 1,3  | 0,246 |
| 5222       | 30   | 11,7 | 1,2  | 0,227 |
| 12253      | 30   | 15   | 1,5  | 0,294 |
| 4332       | 30   | 15   | 2    | 0,382 |
| 14319      | 31   | 21   | 2    | 0,432 |
| 13770      | 31,2 | 16,4 | 1,8  | 0,367 |
| 2185       | 45   | 21   | 2    | 0,582 |
| 5419       | 48   | 7    | 1,5  | 0,402 |

| Profil No. | a/mm | b/mm | s/mm | kg/m  |
|------------|------|------|------|-------|
| 14483      | 50   | 10   | 1,2  | 0,351 |
| 1200       | 50   | 20   | 1,5  | 0,482 |
| 5692       | 50   | 20   | 2    | 0,629 |
| 7330       | 60   | 30   | 3    | 1,173 |
| 12938      | 65   | 20   | 1,7  | 0,678 |
| 17813      | 80   | 20   | 2    | 0,953 |
| 749        | 80   | 26   | 1,5  | 0,752 |
| 12138      | 120  | 40   | 2,5  | 1,877 |
|            |      |      |      |       |
|            |      |      |      |       |
|            |      |      |      |       |



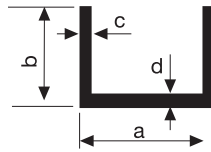
## L - PROFİLLERİ

## ANGLES (UNEQUAL) / DIKWINKEL - L

| Profil No. | a mm | b mm | c mm | d mm | kg/m  |
|------------|------|------|------|------|-------|
| 6563       | 11   | 6,2  | 3    | 3    | 0,115 |
| 6564       | 14   | 6    | 3    | 3    | 0,138 |
| 10896      | 15   | 10   | 2    | 2    | 0,124 |
| 17247      | 18   | 13   | 3    | 3    | 0,227 |
| 14499      | 20   | 10   | 1,5  | 1,5  | 0,116 |
| 960        | 20   | 10   | 2    | 2    | 0,151 |
| 2166       | 20   | 12   | 1,2  | 1,2  | 0,100 |
| 4638       | 20   | 15   | 2    | 2    | 0,178 |
| 914        | 25   | 10   | 1,2  | 1,2  | 0,108 |
| 676        | 25   | 10   | 1,5  | 1,5  | 0,135 |
| 3793       | 25   | 10   | 2    | 2    | 0,178 |
| 4466       | 25   | 15   | 2    | 2    | 0,205 |
| 846        | 25   | 15   | 2,5  | 2,5  | 0,254 |
| 13180      | 25   | 15   | 3    | 3    | 0,300 |
| 993        | 25   | 15   | 3,2  | 3,2  | 0,319 |
| 705        | 25   | 17   | 3,2  | 2,7  | 0,305 |
| 770        | 25   | 20   | 1,3  | 1,3  | 0,154 |
| 11887      | 25   | 20   | 2    | 2    | 0,232 |
| 708        | 29   | 10,5 | 1,2  | 1,2  | 0,124 |
| 1265       | 30   | 10   | 1,2  | 1,2  | 0,125 |
| 593        | 30   | 10   | 1,5  | 1,5  | 0,157 |
| 637        | 30   | 15   | 1,2  | 1,2  | 0,142 |
| 1131       | 30   | 15   | 1,5  | 1,5  | 0,175 |
| 4098       | 30   | 15   | 2    | 2    | 0,232 |
| 4045       | 30   | 15   | 3    | 3    | 0,340 |
| 6881       | 30   | 15   | 17   | 9    | 1,004 |
| 16384      | 30   | 20   | 1,5  | 1,5  | 0,197 |
| 3700       | 30   | 20   | 2    | 2    | 0,259 |
| 4088       | 30   | 20   | 3    | 3    | 0,380 |
| 9702       | 30   | 25   | 2    | 2    | 0,286 |
| 11016      | 32   | 30   | 2    | 2    | 0,324 |
| 4778       | 35   | 20   | 2    | 2    | 0,286 |
| 4096       | 35   | 25   | 2    | 2    | 0,313 |
| 4924       | 40   | 10   | 2    | 2    | 0,259 |
| 1106       | 40   | 10   | 3    | 3    | 0,381 |
| 4273       | 40   | 15   | 2    | 2    | 0,286 |
| 17171      | 40   | 18   | 2    | 2    | 0,303 |
| 18179      | 40   | 20   | 1    | 1    | 0,16  |
| 4883       | 40   | 20   | 1,2  | 1,2  | 0,192 |
| 805        | 40   | 20   | 1,5  | 1,5  | 0,237 |
| 8203       | 40   | 20   | 1,7  | 1,7  | 0,267 |
| 545        | 40   | 20   | 2    | 2    | 0,313 |
| 5303       | 40   | 20   | 3    | 3    | 0,462 |
| 4925       | 40   | 20   | 4    | 4    | 0,605 |
| 4715       | 40   | 25   | 2    | 2    | 0,340 |
| 13391      | 40   | 25   | 4    | 4    | 0,659 |
| 4539       | 40   | 30   | 2    | 2    | 0,367 |
| 4776       | 40   | 30   | 3    | 3    | 0,543 |
| 3487       | 45   | 30   | 2,8  | 2,8  | 0,546 |
| 12516      | 50   | 9,3  | 1,6  | 1,6  | 0,249 |
| 720        | 50   | 17   | 1,5  | 1,5  | 0,265 |
| 2042       | 50   | 18   | 4    | 2,5  | 0,505 |
| 18175      | 50   | 20   | 1,2  | 1,2  | 0,224 |
| 3914       | 50   | 20   | 1,3  | 1,3  | 0,241 |
| 2779       | 50   | 20   | 1,5  | 1,5  | 0,277 |
| 3701       | 50   | 20   | 2    | 2    | 0,367 |
| 4142       | 50   | 25   | 5    | 5    | 0,945 |
| 3911       | 50   | 30   | 2    | 2    | 0,421 |
| 4922       | 50   | 30   | 2,5  | 2,5  | 0,524 |

| Profil No. | a mm  | b mm | c mm | d mm | kg/m  |
|------------|-------|------|------|------|-------|
| 16306      | 50    | 30   | 3    | 3    | 0,624 |
| 13177      | 50    | 30   | 4    | 4    | 0,821 |
| 3702       | 50    | 30   | 5    | 5    | 1,012 |
| 6745       | 50    | 40   | 2    | 2    | 0,475 |
| 1049       | 60    | 20   | 1,2  | 1,2  | 0,255 |
| 4540       | 60    | 20   | 2    | 2    | 0,421 |
| 5665       | 60    | 25   | 2    | 2    | 0,448 |
| 4143       | 60    | 25   | 5    | 5    | 1,080 |
| 4089       | 60    | 30   | 2    | 2    | 0,475 |
| 11233      | 60    | 30   | 3    | 3    | 0,705 |
| 11691      | 60    | 30   | 4    | 4    | 0,929 |
| 3820       | 60    | 40   | 2    | 2    | 0,529 |
| 5304       | 60    | 40   | 3    | 3    | 0,786 |
| 3792       | 60    | 40   | 4    | 4    | 1,037 |
| 4156       | 60    | 40   | 5    | 5    | 1,283 |
| 3962       | 60    | 45   | 2,3  | 2,3  | 0,637 |
| 11548      | 60    | 25   | 3    | 3    | 0,664 |
| 2666       | 65    | 30   | 1,8  | 1,8  | 0,454 |
| 14517      | 70    | 10   | 1,5  | 1,5  | 0,319 |
| 3846       | 70    | 20   | 2    | 2    | 0,475 |
| 4106       | 70    | 20   | 2,5  | 2,5  | 0,590 |
| 4410       | 70    | 30   | 2    | 2    | 0,529 |
| 13179      | 70    | 40   | 2    | 2    | 0,583 |
| 16304      | 70    | 50   | 3    | 3    | 0,948 |
| 17050      | 70    | 50   | 4    | 4    | 1,253 |
| 5237       | 70    | 60   | 12   | 12   | 3,823 |
| 11549      | 80    | 15   | 2    | 2    | 0,502 |
| 3915       | 80    | 20   | 1,5  | 1,5  | 0,399 |
| 13181      | 80    | 20   | 2    | 2    | 0,53  |
| 1991       | 80    | 30   | 1,3  | 1,3  | 0,381 |
| 3832       | 80    | 30   | 3    | 3    | 0,867 |
| 6478       | 80    | 30   | 6    | 6    | 1,691 |
| 4536       | 80    | 40   | 2    | 2    | 0,637 |
| 9219       | 80    | 40   | 3    | 3    | 0,948 |
| 4537       | 80    | 40   | 4    | 4    | 1,253 |
| 16303      | 80    | 40   | 6    | 6    | 1,847 |
| 9852       | 80    | 50   | 3    | 3    | 1,029 |
| 6259       | 80    | 50   | 4    | 4    | 1,361 |
| 11299      | 80    | 60   | 3    | 3    | 1,11  |
| 17025      | 80    | 60   | 6    | 6    | 2,171 |
| 9197       | 85    | 20   | 2    | 2    | 0,556 |
| 11284      | 85    | 40   | 5    | 5    | 1,62  |
| 11550      | 90    | 40   | 4    | 4    | 1,361 |
| 17051      | 90    | 50   | 4    | 4    | 1,469 |
| 10057      | 90,75 | 12,5 | 2,5  | 2,5  | 0,681 |
| 6479       | 93    | 15   | 6    | 6    | 1,658 |
| 14718      | 100   | 20   | 2    | 2    | 0,637 |
| 8611       | 100   | 30   | 2    | 2    | 0,691 |
| 14719      | 100   | 30   | 3    | 3    | 1,029 |
| 17026      | 100   | 40   | 4    | 4    | 1,469 |
| 3704       | 100   | 50   | 3    | 3    | 1,191 |
| 11227      | 100   | 50   | 5    | 5    | 1,958 |
| 17027      | 100   | 50   | 8    | 8    | 3,067 |
| 5702       | 100   | 60   | 8    | 8    | 3,283 |
| 4690       | 100   | 70   | 2    | 2    | 0,907 |
| 6476       | 120   | 25   | 6    | 6    | 2,260 |
| 5732       | 120   | 40   | 2    | 2    | 0,853 |
| 4538       | 120   | 40   | 3    | 3    | 1,272 |
| 9853       | 120   | 50   | 3    | 3    | 1,353 |

[illegible]

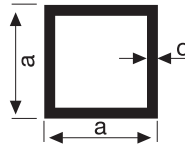


## U - PROFİLLERİ

| Profil No. | a mm | b mm | c mm | d mm | kg/m  |
|------------|------|------|------|------|-------|
| 931        | 7,8  | 27   | 1,4  | 3,2  | 0,249 |
| 6138       | 10   | 15   | 1,2  | 1,2  | 0,122 |
| 883        | 10   | 15   | 2    | 2    | 0,195 |
| 6073       | 11   | 12   | 1,5  | 1,5  | 0,130 |
| 15702      | 12   | 12   | 1,5  | 1,5  | 0,135 |
| 4099       | 12   | 12   | 2    | 2    | 0,173 |
| 4799       | 12   | 15   | 2    | 2    | 0,205 |
| 1820       | 12   | 18   | 1,3  | 1,3  | 0,160 |
| 714        | 12   | 18   | 1,5  | 1,5  | 0,181 |
| 8638       | 12,5 | 10   | 1    | 1    | 0,082 |
| 11855      | 13   | 13   | 2    | 2    | 0,189 |
| 15059      | 14   | 12   | 1,5  | 1,5  | 0,143 |
| 2032       | 14   | 28   | 1,2  | 1,2  | 0,218 |
| 8027       | 14,8 | 15   | 1,8  | 1,8  | 0,200 |
| 1524       | 14,8 | 30   | 2,5  | 2,5  | 0,471 |
| 1086       | 15   | 15   | 1,1  | 1,1  | 0,127 |
| 3296       | 15   | 15   | 1,5  | 1,5  | 0,170 |
| 3444       | 15   | 15   | 2    | 2    | 0,222 |
| 6076       | 15   | 20   | 1,5  | 1,5  | 0,211 |
| 985        | 15   | 20   | 1,9  | 1,9  | 0,262 |
| 8892       | 15   | 30   | 2    | 2    | 0,384 |
| 6077       | 17   | 20   | 1,5  | 1,5  | 0,219 |
| 7248       | 17   | 31   | 3    | 3    | 0,592 |
| 949        | 17,5 | 16   | 1,1  | 1,1  | 0,140 |
| 6677       | 17,5 | 23   | 1,1  | 1,1  | 0,182 |
| 646        | 19   | 20   | 1,1  | 1,1  | 0,168 |
| 11793      | 19   | 25   | 1,2  | 1,2  | 0,216 |
| 6531       | 19,5 | 25   | 1,25 | 1,25 | 0,227 |
| 6074       | 20   | 10   | 2    | 2    | 0,195 |
| 5585       | 20   | 13   | 1,1  | 1,1  | 0,130 |
| 6075       | 20   | 15   | 2    | 2    | 0,249 |
| 11814      | 20   | 20   | 1    | 1    | 0,156 |
| 1068       | 20   | 20   | 1,5  | 1,5  | 0,230 |
| 4548       | 20   | 20   | 2    | 2    | 0,302 |
| 3445       | 20   | 20   | 2    | 2    | 0,302 |
| 11677      | 20   | 20   | 3    | 3    | 0,438 |
| 7224       | 20   | 28   | 1,5  | 1,5  | 0,297 |
| 5149       | 20   | 30   | 2    | 2    | 0,411 |
| 5792       | 20   | 40   | 2    | 2    | 0,519 |
| 3657       | 20   | 40   | 2,5  | 2,5  | 0,641 |
| 4428       | 20,4 | 9    | 1    | 1    | 0,097 |
| 1571       | 21   | 25   | 1,2  | 1,2  | 0,221 |
| 6070       | 21   | 50   | 2,5  | 2,5  | 0,783 |
| 3379       | 23   | 23   | 1,5  | 1,5  | 0,267 |
| 3158       | 25   | 15   | 2    | 2    | 0,275 |
| 752        | 25   | 17   | 1,1  | 1,1  | 0,168 |
| 4272       | 25   | 25   | 2    | 2    | 0,383 |
| 13652      | 25   | 40   | 2    | 2    | 0,545 |
| 9365       | 26,2 | 60   | 1,5  | 1,5  | 0,581 |
| 7413       | 29   | 25   | 1,5  | 1,5  | 0,308 |
| 1525       | 29,6 | 30   | 2,5  | 2,5  | 0,571 |
| 4744       | 30   | 20   | 2    | 2    | 0,357 |
| 11784      | 30   | 25   | 4    | 4    | 0,778 |
| 13182      | 30   | 30   | 1,5  | 1,5  | 0,354 |
| 4242       | 30   | 30   | 2    | 2    | 0,464 |
| 11226      | 30   | 30   | 3    | 3    | 0,681 |
| 14398      | 30   | 40   | 3    | 3    | 0,843 |
| 18420      | 30,7 | 5    | 2,1  | 2,2  | 0,216 |
| 11328      | 35   | 10   | 2    | 2    | 0,277 |

| Profil No. | a mm | b mm  | c mm | d mm | kg/m  |
|------------|------|-------|------|------|-------|
| 3004       | 35   | 35    | 3    | 3    | 0,802 |
| 11015      | 36   | 30    | 2    | 2    | 0,497 |
| 16911      | 40   | 10    | 2    | 2    | 0,303 |
| 4406       | 40   | 20    | 2    | 2    | 0,410 |
| 7254       | 40   | 20    | 2,5  | 2,5  | 0,508 |
| 4814       | 40   | 20    | 4    | 4    | 0,777 |
| 13185      | 40   | 25    | 2    | 2    | 0,465 |
| 2869       | 40   | 30    | 2    | 2    | 0,518 |
| 17979      | 40   | 30    | 3    | 3    | 0,762 |
| 6078       | 40   | 40    | 2    | 2    | 0,627 |
| 16302      | 40   | 40    | 2,5  | 2,5  | 0,778 |
| 3835       | 40   | 40    | 3    | 3    | 0,923 |
| 3824       | 40   | 40    | 4    | 4    | 1,209 |
| 8420       | 40   | 50    | 4    | 4    | 1,426 |
| 11331      | 40   | 60    | 3    | 3    | 1,248 |
| 18421      | 40,7 | 6,2   | 2,1  | 2,4  | 0,308 |
| 9405       | 43   | 15    | 1,5  | 1,5  | 0,284 |
| 14699      | 45   | 30    | 2    | 2    | 0,546 |
| 14885      | 45   | 50    | 2,5  | 2,5  | 0,945 |
| 8732       | 45,2 | 64,6  | 1,3  | 1,3  | 0,603 |
| 9066       | 46   | 50    | 2    | 2    | 0,767 |
| 14854      | 48   | 19    | 5    | 5    | 1,026 |
| 11927      | 48   | 30    | 2,5  | 4    | 0,870 |
| 7533       | 48,5 | 53,53 | 1,9  | 2,4  | 0,840 |
| 13189      | 50   | 15    | 4,5  | 6    | 1,029 |
| 13184      | 50   | 25    | 4    | 4    | 0,994 |
| 13183      | 50   | 30    | 2    | 2    | 0,573 |
| 6286       | 50   | 40    | 4    | 4    | 1,318 |
| 3825       | 50   | 50    | 4    | 4    | 1,533 |
| 16885      | 50   | 50    | 5    | 5    | 1,897 |
| 11209      | 50   | 100   | 3    | 3    | 1,572 |
| 7524       | 53,8 | 18,6  | 1,2  | 1,2  | 0,288 |
| 15643      | 55   | 60    | 10   | 6    | 3,807 |
| 5381       | 60   | 40    | 2,5  | 2,5  | 0,911 |
| 16579      | 60   | 40    | 3    | 3    | 1,086 |
| 7551       | 60   | 40    | 4    | 4    | 1,426 |
| 12260      | 63   | 5     | 2,5  | 2,5  | 0,459 |
| 12398      | 64   | 22    | 1,8  | 1,8  | 0,508 |
| 14886      | 66   | 22    | 5    | 5    | 1,350 |
| 14367      | 70   | 35    | 1,5  | 1,5  | 0,557 |
| 17104      | 70   | 35    | 3    | 3    | 1,086 |
| 18523      | 80   | 20    | 2    | 2    | 0,627 |
| 13895      | 80   | 40    | 4    | 4    | 1,642 |
| 17346      | 80   | 40    | 5    | 5    | 2,025 |
| 17632      | 80   | 45    | 8    | 8    | 3,327 |
| 10436      | 80   | 50    | 5    | 5    | 2,295 |
| 14264      | 81   | 55    | 3    | 3    | 1,499 |
| 12399      | 84   | 22    | 1,9  | 1,6  | 0,573 |
| 5522       | 85,5 | 16,2  | 1,2  | 1,2  | 0,375 |
| 16160      | 86   | 20    | 2    | 2    | 0,659 |
| 2752       | 86   | 40    | 2    | 2    | 0,875 |
| 14366      | 89   | 35    | 1,5  | 1,5  | 0,632 |
| 1572       | 90   | 20    | 2    | 2    | 0,680 |
| 14048      | 90   | 26    | 26   | 5    | 1,782 |
| 14887      | 90   | 50    | 5    | 5    | 2,430 |
| 5703       | 91   | 45    | 5    | 5    | 2,309 |
| 884        | 100  | 8     | 2    | 2    | 0,605 |
| 5169       | 100  | 50    | 5    | 5    | 2,565 |
| 14905      | 100  | 100   | 3    | 3    | 2,388 |

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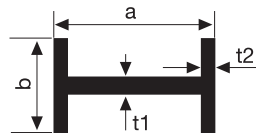


## KARE KUTU PROFİLLERİ

### SQUARE TUBES / VIERKANTROHRE

| Profil<br>No. | a<br>mm | c<br>mm | kg/m  |
|---------------|---------|---------|-------|
| 1027          | 12      | 1       | 0.119 |
| 951           | 14      | 1       | 0.140 |
| 12507         | 14      | 1,5     | 0,203 |
| 4541          | 15      | 1,5     | 0,219 |
| 13188         | 15      | 2       | 0,281 |
| 8438          | 16      | 1       | 0,162 |
| 9072          | 19,5    | 1,25    | 0.246 |
| 511           | 20      | 1       | 0.205 |
| 606           | 20      | 1,5     | 0.300 |
| 1388          | 20      | 2       | 0.389 |
| 1432          | 20      | 2,5     | 0.473 |
| 13045         | 20      | 3       | 0.551 |
| 742           | 25      | 1,3     | 0.332 |
| 16525         | 25      | 1,5     | 0.381 |
| 1838          | 25      | 2       | 0.497 |
| 2816          | 25      | 3       | 0.713 |
| 3588          | 30      | 1       | 0.313 |
| 853           | 30      | 1,2     | 0.372 |
| 16109         | 30      | 1,5     | 0.462 |
| 16152         | 30      | 1,65    | 0.505 |
| 3812          | 30      | 2       | 0,605 |
| 3813          | 30      | 3       | 0,875 |
| 2817          | 30      | 4       | 1.123 |
| 4015          | 34      | 2       | 0,691 |
| 17501         | 34      | 3       | 1,005 |
| 1644          | 35      | 1,1     | 0.402 |
| 5660          | 35      | 2       | 0.713 |
| 1317          | 40      | 1       | 0.421 |

| Profil<br>No. | a<br>mm | c<br>mm | kg/m  |
|---------------|---------|---------|-------|
| 589           | 40      | 1,2     | 0,502 |
| 5330          | 40      | 1,3     | 0,544 |
| 5994          | 40      | 1,5     | 0,624 |
| 1059          | 40      | 2       | 0,820 |
| 4810          | 40      | 2,5     | 1,013 |
| 3815          | 40      | 3       | 1,199 |
| 3699          | 40      | 4       | 1,555 |
| 8334          | 45      | 1,2     | 0,567 |
| 13187         | 45      | 2       | 0,929 |
| 12720         | 48,5    | 1,5     | 0,762 |
| 7402          | 50      | 1,5     | 0,786 |
| 806           | 50      | 2       | 1,036 |
| 1044          | 50      | 3       | 1,522 |
| 4241          | 50      | 4       | 1,987 |
| 5255          | 50      | 5       | 2,430 |
| 16305         | 55      | 2       | 1,145 |
| 1910          | 59      | 2       | 1,231 |
| 6136          | 60      | 1,5     | 0,948 |
| 4243          | 60      | 2       | 1,253 |
| 4231          | 60      | 3       | 1,847 |
| 3817          | 60      | 4       | 2,419 |
| 12747         | 60      | 5       | 2,97  |
| 6561          | 60      | 6       | 3,512 |
| 18607         | 65      | 4       | 2,635 |
| 17029         | 67      | 2       | 1,404 |
| 12573         | 70      | 2       | 1,469 |
| 3283          | 70      | 4       | 2,851 |
| 12177         | 80      | 1,5     | 1,272 |

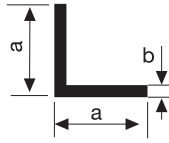
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## H - PROFİLLERİ

| Profil No.   | a<br>mm | b<br>mm | t1<br>mm | t2<br>mm | kg/m  |
|--------------|---------|---------|----------|----------|-------|
| <b>12028</b> | 10      | 10      | 1        | 1        | 0,076 |
| <b>1981</b>  | 14,9    | 52      | 1,6      | 1,2      | 0,392 |
| <b>17650</b> | 45      | 50      | 2        | 2        | 0,764 |
| <b>1343</b>  | 50      | 23      | 2,4      | 2,2      | 0,572 |
| <b>681</b>   | 55,6    | 20,8    | 1,4      | 1,8      | 0,397 |
| <b>648</b>   | 58,5    | 24,2    | 2        | 2        | 0,556 |
| <b>12985</b> | 60      | 60      | 5        | 5        | 2,295 |

| <b>Profil<br/>No.</b> | <b>a<br/>mm</b> | <b>b<br/>mm</b> | <b>c<br/>mm</b> | <b>d<br/>mm</b> | <b>kg/m</b> |
|-----------------------|-----------------|-----------------|-----------------|-----------------|-------------|
| <b>673</b>            | 67              | 23              | 2,5             | 2,2             | 0,694       |
| <b>685</b>            | 67,1            | 21              | 1,4             | 1,8             | 0,443       |
| <b>686</b>            | 67,3            | 24              | 2               | 2,2             | 0,625       |
| <b>16673</b>          | 70              | 70              | 5               | 4               | 2,350       |
| <b>674</b>            | 77,2            | 23,5            | 3               | 2,2             | 0,868       |
| <b>16674</b>          | 90              | 70              | 5               | 4               | 2,620       |
| <b>16675</b>          | 100             | 100             | 10              | 10              | 7,560       |

| Profil No. | a mm | b mm | t1 mm | t2 mm | kg/m  |
|------------|------|------|-------|-------|-------|
| 17507      | 120  | 80   | 7     | 9     | 5,816 |
| 17772      | 160  | 74   | 7     | 10    | 6,642 |
|            |      |      |       |       |       |
|            |      |      |       |       |       |
|            |      |      |       |       |       |
|            |      |      |       |       |       |



## EŞKENAR KÖŞEBENT PROFİLLER

## EQUAL ANGLES

## GLEICHSEITIGE WINKEL PROFILE

| Profil<br>No. | a<br>mm | b<br>mm | kg/m  |
|---------------|---------|---------|-------|
| 6069          | 15      | 1,5     | 0,116 |
| 4367          | 15      | 2       | 0,151 |
| 4830          | 15      | 3       | 0,219 |
| 13056         | 16,5    | 1,5     | 0,127 |
| 552           | 20      | 1,2     | 0,124 |
| 636           | 20      | 1,5     | 0,157 |
| 617           | 20      | 2       | 0,205 |
| 4087          | 20      | 3       | 0,300 |
| 8090          | 20      | 8       | 0,691 |
| 543           | 25      | 1,2     | 0,158 |
| 518           | 25      | 1,5     | 0,196 |
| 3378          | 25      | 2       | 0,259 |
| 706           | 25      | 2,7     | 0,346 |
| 11285         | 25      | 3       | 0,381 |
| 997           | 25      | 3,2     | 0,405 |
| 11237         | 25,4    | 1,32    | 0,176 |
| 10979         | 29      | 0,9     | 0,139 |
| 544           | 30      | 1,2     | 0,189 |
| 634           | 30      | 1,5     | 0,238 |
| 604           | 30      | 2       | 0,313 |
| 609           | 30      | 3       | 0,462 |
| 14802         | 30      | 4       | 0,605 |
| 3977          | 30      | 5       | 0,742 |
| 2313          | 30      | 5       | 0,742 |
| 11338         | 35      | 2       | 0,367 |

| Profil<br>No. | a<br>mm | b<br>mm | kg/m  |
|---------------|---------|---------|-------|
| 13178         | 35      | 3       | 0,543 |
| 17105         | 35      | 4       | 0,713 |
| 17675         | 38      | 3       | 0,592 |
| 9960          | 38      | 3,2     | 0,629 |
| 635           | 40      | 1,5     | 0,319 |
| 719           | 40      | 2       | 0,421 |
| 2204          | 40      | 2,5     | 0,524 |
| 513           | 40      | 3       | 0,624 |
| 608           | 40      | 4       | 0,821 |
| 3818          | 40      | 5       | 1,012 |
| 18023         | 40      | 6       | 1,200 |
| 13379         | 45      | 2       | 0,475 |
| 3961          | 45      | 2,3     | 0,545 |
| 11111         | 45      | 3       | 0,705 |
| 15355         | 45      | 4       | 0,929 |
| 773           | 50      | 2       | 0,529 |
| 3703          | 50      | 3       | 0,785 |
| 3819          | 50      | 4       | 1,037 |
| 577           | 50      | 5       | 1,282 |
| 17162         | 50      | 6       | 1,523 |
| 17323         | 60      | 1,5     | 0,481 |
| 5696          | 60      | 2       | 0,637 |
| 13789         | 60      | 2,5     | 0,794 |
| 5322          | 60      | 3       | 0,948 |
| 4155          | 60      | 4       | 1,253 |

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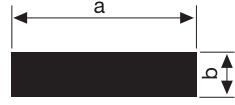
## YUVARLAK ÇUBUKLAR

### ROUND BARS / RUNDSTANGEN

| Profil No. | a/mm | kg/m  |
|------------|------|-------|
| 1066       | 10   | 0.212 |
| 2631       | 11,7 | 0.290 |
| 804        | 12   | 0.311 |
| 17112      | 13   | 0.360 |
| 6253       | 14   | 0.416 |
| 5143       | 15   | 0.478 |
| 1019       | 16   | 0.543 |
| 3722       | 17   | 0.612 |
| 4511       | 18   | 0.685 |
| 17418      | 19   | 0.767 |
| 549        | 20   | 0.847 |
| 14998      | 21   | 0,935 |
| 672        | 22   | 1.026 |
| 538        | 25   | 1.323 |
| 2521       | 25,5 | 1.380 |
| 3720       | 26   | 1.433 |
| 4542       | 28   | 1.663 |
| 539        | 30   | 1.908 |
| 4612       | 32   | 2.171 |
| 523        | 35   | 2.597 |
| 4543       | 36   | 2 749 |

| Profil No. | a/mm | kg/m   |
|------------|------|--------|
| 4639       | 38   | 3.062  |
| 16697      | 39   | 3.227  |
| 525        | 40   | 3.391  |
| 4507       | 41   | 3.564  |
| 3972       | 42   | 3.740  |
| 2138       | 44   | 4.107  |
| 524        | 45   | 4.293  |
| 1097       | 50   | 5.300  |
| 4509       | 51   | 5.516  |
| 718        | 52   | 5.735  |
| 832        | 55   | 6.415  |
| 4865       | 56   | 6.650  |
| 7029       | 57   | 6.891  |
| 614        | 60   | 7.633  |
| 4508       | 61   | 7.889  |
| 4654       | 62   | 8.151  |
| 4544       | 63   | 8.416  |
| 671        | 65   | 8.959  |
| 1103       | 70   | 10.390 |
| 4510       | 71   | 10.689 |
| 12956      | 72   | 10.995 |

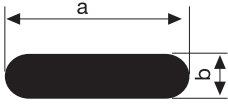
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**LAMA PROFİLLERİ**  
**FLAT BARS / FLACHSTANGEN**

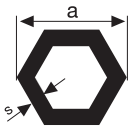
| Profil No. | a/mm | b/mm | kg/m  |
|------------|------|------|-------|
| 653        | 12   | 4    | 0,130 |
| 11810      | 12   | 8    | 0,260 |
| 7986       | 14   | 9    | 0,340 |
| 2291       | 15   | 2,5  | 0,101 |
| 2055       | 15   | 5    | 0,203 |
| 2002       | 15   | 10   | 0,405 |
| 4777       | 15   | 8    | 0,324 |
| 1250       | 15,1 | 3    | 0,122 |
| 6463       | 16   | 2    | 0,087 |
| 2580       | 16   | 7    | 0,302 |
| 2108       | 16,1 | 11   | 0,478 |
| 14805      | 18   | 10   | 0,486 |
| 3847       | 20   | 2    | 0,108 |
| 506        | 20   | 3    | 0,162 |
| 6461       | 20   | 3    | 0,162 |
| 647        | 20   | 4    | 0,216 |
| 503        | 20   | 5    | 0,270 |
| 1072       | 20   | 6    | 0,324 |
| 519        | 20   | 8    | 0,432 |
| 555        | 20   | 10   | 0,540 |
| 9653       | 20   | 12   | 0,648 |
| 4989       | 20,1 | 3,1  | 0,169 |
| 2086       | 21   | 14   | 0,794 |
| 994        | 21,3 | 5,3  | 0,305 |
| 704        | 21,5 | 5,5  | 0,319 |
| 6462       | 22   | 2    | 0,119 |
| 8668       | 25   | 2    | 0,135 |
| 818        | 25   | 3    | 0,202 |
| 638        | 25   | 4    | 0,270 |
| 4054       | 25   | 5    | 0,338 |
| 723        | 25   | 6    | 0,405 |
| 4889       | 25   | 10   | 0,675 |
| 1234       | 25   | 15   | 1,012 |
| 1165       | 25   | 20   | 1,350 |
| 3717       | 26   | 7    | 0,491 |
| 3648       | 26,3 | 6    | 0,426 |
| 16458      | 27,5 | 6    | 0,446 |
| 10420      | 29   | 2    | 0,157 |
| 3658       | 30   | 2    | 0,162 |
| 505        | 30   | 3    | 0,243 |
| 1075       | 30   | 4    | 0,324 |
| 710        | 30   | 5    | 0,405 |
| 18599      | 30   | 5    | 0,405 |
| 4812       | 30   | 6    | 0,486 |
| 4505       | 30   | 7    | 0,567 |
| 4405       | 30   | 8    | 0,648 |
| 1202       | 30   | 10   | 0,810 |
| 12440      | 30   | 12   | 0,972 |
| 5144       | 30   | 15   | 1,215 |
| 1469       | 30   | 16   | 1,296 |
| 1162       | 30   | 20   | 1,620 |
| 1164       | 30   | 25   | 2,025 |
| 2610       | 35   | 5    | 0,472 |
| 4793       | 35   | 6    | 0,567 |
| 17161      | 35   | 15   | 1,418 |
| 2573       | 35   | 17   | 1,606 |
| 1253       | 36   | 2,9  | 0,282 |
| 849        | 37   | 1,5  | 0,150 |
| 7522       | 37,8 | 5,1  | 0,521 |
| 16112      | 38   | 18   | 1,847 |

| Profil No. | a/mm | b/mm | kg/m  |
|------------|------|------|-------|
| 896        | 40   | 2    | 0,216 |
| 508        | 40   | 3    | 0,324 |
| 848        | 40   | 4    | 0,432 |
| 507        | 40   | 5    | 0,540 |
| 4232       | 40   | 6    | 0,648 |
| 4182       | 40   | 8    | 0,864 |
| 860        | 40   | 10   | 1,080 |
| 1163       | 40   | 15   | 1,620 |
| 13141      | 40   | 18   | 1,944 |
| 4065       | 40   | 20   | 2,160 |
| 18603      | 40   | 20   | 2,160 |
| 3975       | 40   | 25   | 2,700 |
| 16053      | 42   | 12   | 1,361 |
| 12467      | 45   | 12   | 1,458 |
| 10419      | 49   | 2    | 0,265 |
| 3660       | 50   | 2    | 0,270 |
| 575        | 50   | 3    | 0,405 |
| 5101       | 50   | 4    | 0,540 |
| 509        | 50   | 5    | 0,675 |
| 6792       | 50   | 6    | 0,810 |
| 2818       | 50   | 8    | 1,080 |
| 1069       | 50   | 10   | 1,350 |
| 12115      | 50   | 12   | 1,620 |
| 4061       | 50   | 15   | 2,025 |
| 4081       | 50   | 20   | 2,700 |
| 4082       | 50   | 25   | 3,375 |
| 4083       | 50   | 30   | 4,050 |
| 10802      | 50   | 32   | 4,320 |
| 4084       | 50   | 35   | 4,725 |
| 3976       | 50   | 40   | 5,400 |
| 16504      | 52   | 47,5 | 6,670 |
| 16679      | 55   | 12   | 1,782 |
| 18361      | 55   | 38   | 5,643 |
| 14716      | 60   | 2    | 0,324 |
| 1081       | 60   | 3    | 0,486 |
| 3973       | 60   | 4    | 0,648 |
| 4085       | 60   | 5    | 0,810 |
| 6728       | 60   | 6    | 0,972 |
| 3863       | 60   | 8    | 1,296 |
| 1065       | 60   | 10   | 1,620 |
| 18601      | 60   | 10   | 1,620 |
| 5418       | 60   | 12   | 1,944 |
| 4086       | 60   | 15   | 2,430 |
| 18604      | 60   | 15   | 2,430 |
| 4613       | 60   | 20   | 3,240 |
| 3850       | 60   | 25   | 4,050 |
| 4786       | 60   | 30   | 4,860 |
| 12155      | 60   | 35   | 5,670 |
| 11232      | 60   | 40   | 6,480 |
| 16505      | 62   | 47,5 | 7,952 |
| 4968       | 65   | 30   | 5,265 |
| 12082      | 70   | 2    | 0,378 |
| 716        | 70   | 3    | 0,567 |
| 4369       | 70   | 10   | 1,890 |
| 11133      | 70   | 15   | 2,835 |
| 4614       | 70   | 20   | 3,780 |
| 3831       | 70   | 35   | 6,615 |
| 3864       | 70   | 40   | 7,560 |
| 11546      | 70   | 50   | 9,450 |
| 14717      | 80   | 2    | 0,532 |

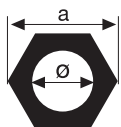
| Profil No. | a/mm  | b/mm | kg/m   |
|------------|-------|------|--------|
| 6959       | 80    | 4    | 0,864  |
| 4062       | 80    | 5    | 1,080  |
| 4967       | 80    | 6    | 1,296  |
| 591        | 80    | 8    | 1,728  |
| 1051       | 80    | 10   | 2,160  |
| 17389      | 80    | 12   | 2,592  |
| 4737       | 80    | 15   | 3,240  |
| 3979       | 80    | 20   | 4,320  |
| 11228      | 80    | 30   | 6,480  |
| 11229      | 80    | 40   | 8,640  |
| 4609       | 80    | 50   | 10,800 |
| 4610       | 80    | 60   | 12,960 |
| 7874       | 90    | 2    | 0,486  |
| 14232      | 90    | 6    | 1,458  |
| 13229      | 90    | 10   | 2,430  |
| 3943       | 90    | 15   | 3,645  |
| 4611       | 90    | 30   | 7,290  |
| 8526       | 92    | 3,5  | 0,870  |
| 14233      | 92    | 12   | 2,981  |
| 717        | 100   | 2    | 0,540  |
| 1245       | 100   | 3    | 0,810  |
| 7625       | 100   | 4    | 1,080  |
| 612        | 100   | 5    | 1,350  |
| 5716       | 100   | 6    | 1,620  |
| 3692       | 100   | 8    | 2,160  |
| 1054       | 100   | 10   | 2,700  |
| 18600      | 100   | 10   | 2,700  |
| 12645      | 100   | 12   | 3,240  |
| 748        | 100   | 15   | 4,050  |
| 3693       | 100   | 20   | 5,400  |
| 18602      | 100   | 20   | 5,400  |
| 11230      | 100   | 30   | 8,100  |
| 11231      | 100   | 40   | 10,800 |
| 1502       | 110   | 3    | 0,891  |
| 4409       | 110   | 8    | 2,376  |
| 16366      | 110   | 15   | 4,455  |
| 3298       | 110   | 20   | 5,940  |
| 17831      | 116,5 | 10   | 3,146  |
| 2526       | 120   | 10   | 3,240  |
| 2684       | 120   | 10   | 3,240  |
| 4738       | 120   | 15   | 4,860  |
| 4370       | 120   | 20   | 6,480  |
| 3232       | 127   | 3    | 1,029  |
| 5715       | 150   | 6    | 2,430  |
| 2522       | 150   | 10   | 4,050  |
| 17393      | 150   | 20   | 8,100  |
| 2523       | 150   | 15   | 6,075  |
| 11547      | 150   | 25   | 10,125 |
| 4787       | 150   | 30   | 12,150 |
| 4739       | 160   | 10   | 4,320  |
| 16365      | 174   | 12   | 5,638  |
| 4740       | 180   | 10   | 4,860  |
| 16933      | 180   | 12   | 5,832  |
| 16934      | 180   | 14   | 6,804  |
| 14071      | 180   | 15   | 7,290  |
| 18341      | 200   | 5    | 2,700  |
| 4741       | 200   | 10   | 5,400  |
| 16581      | 200   | 12   | 6,480  |
| 4368       | 200   | 15   | 8,100  |
| 3529       | 200   | 25   | 13,500 |


**ÖVAL LAMA**  
FLAT OVAL / FLACH OVALE

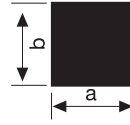
| Profil No. | a/mm | b/mm | kg/m  |
|------------|------|------|-------|
| 10425      | 18   | 4,2  | 0,194 |
| 17365      | 20   | 3    | 0,157 |
| 1313       | 20   | 5    | 0,257 |
| 9988       | 20   | 6    | 0,302 |
| 4176       | 20   | 10   | 0,483 |
| 5269       | 20   | 10   | 0,483 |
| 9637       | 24   | 14   | 0,794 |
| 6234       | 25   | 3    | 0,197 |
| 12586      | 25   | 3    | 0,197 |
| 1393       | 30   | 3    | 0,238 |
| 15699      | 35   | 2,5  | 0,232 |
| 810        | 38,5 | 6    | 0,603 |
| 14711      | 40   | 5    | 0,527 |
| 10488      | 40   | 6    | 0,626 |
| 504        | 40   | 6    | 0,628 |
| 15698      | 45   | 2,5  | 0,3   |
| 4002       | 48   | 5    | 0,633 |
| 17366      | 50   | 3    | 0,4   |
| 10489      | 55   | 6    | 0,869 |
| 1137       | 50,2 | 5,5  | 0,73  |
| 11474      | 60   | 12   | 1,86  |
| 17367      | 62,5 | 3    | 0,502 |
| 10490      | 70   | 6    | 1,112 |
| 17368      | 75   | 3    | 0,602 |
| 10580      | 75,0 | 7    | 1,389 |
| 1399       | 80   | 4    | 0,856 |
| 10421      | 80   | 6    | 1,274 |
| 16092      | 91   | 42   | 9,3   |
| 10581      | 100  | 7    | 1,862 |
| 10491      | 110  | 6    | 1,761 |
| 10492      | 125  | 6    | 2     |
| 5534       | 120  | 8    | 2,556 |
| 10582      | 130  | 7    | 2,427 |
| 10493      | 140  | 6    | 2,247 |
| 10494      | 160  | 6    | 2,571 |
| 10422      | 200  | 6    | 3,218 |
| 10495      | 250  | 6    | 4,028 |
| 14877      | 11,2 | 6,8  | 0,178 |


**ALTİGEN KÖPRÜLÜ**  
HEXAGON TUBE / SECHSKANT ROHR

| Profil No. | a/mm | s/mm | kg/m  |
|------------|------|------|-------|
| 7213       | 14   | 2,4  | 0,261 |

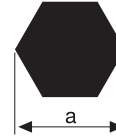

**ALTİGEN DAİRE**  
HEXAGON TUBE-ROUND INSIDE  
SECHSKANT ROHR-INNEN RUND

| Profil No. | a/mm | Ømm  | kg/m  |
|------------|------|------|-------|
| 14506      | 17   | 12,5 | 0,346 |
| 17004      | 32   | 15,5 | 1,885 |
| 13967      | 55   | 25   | 5,748 |

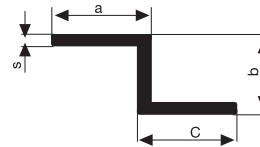

**KARE ÇUBUKLAR**  
SQUARE BARS  
VIERKANTSTANGEN

| Profil No. | a/mm | kg/m  |
|------------|------|-------|
| 5170       | 10   | 0,270 |
| 4095       | 12   | 0,389 |
| 4504       | 14   | 0,529 |
| 1862       | 15   | 0,608 |
| 4022       | 18   | 0,874 |
| 1034       | 20   | 1,080 |
| 1161       | 25   | 1,687 |
| 4091       | 30   | 2,430 |
| 6470       | 32   | 2,775 |
| 3316       | 35   | 3,307 |
| 4092       | 40   | 4,320 |

| Profil No. | a/mm | kg/m   |
|------------|------|--------|
| 14872      | 41   | 4,539  |
| 4641       | 50   | 6,750  |
| 4642       | 55   | 8,168  |
| 4643       | 60   | 9,720  |
| 4644       | 65   | 11,408 |
| 4645       | 70   | 13,230 |
| 4646       | 75   | 15,188 |
| 2528       | 80   | 17,280 |
|            |      |        |
|            |      |        |
|            |      |        |


**ALTİGEN ÇUBUKLAR**  
HEXAGON BARS / SECHSKANT

| Profil No. | a/mm | kg/m  |
|------------|------|-------|
| 18256      | 13   | 0,394 |
| 2729       | 17   | 0,675 |
| 8456       | 17   | 0,672 |
| 4564       | 47,7 | 5,319 |
|            |      |       |


**Z - PROFİLLERİ**  
Z - PROFILES / Z - PROFILE

| Profil No. | a/mm | b/mm | c/mm | s/mm | kg/m  |
|------------|------|------|------|------|-------|
| 7167       | 8    | 21   | 17   | 2    | 0,227 |
| 9172       | 11   | 6    | 11   | 2    | 0,130 |
| 18118      | 15   | 15   | 15   | 2    | 0,222 |
| 850        | 16,7 | 12,7 | 16,7 | 1,75 | 0,201 |
| 12089      | 17   | 32   | 17   | 2    | 0,335 |
| 1113       | 24   | 18   | 24   | 3    | 0,486 |
| 3948       | 30   | 30   | 30   | 2    | 0,464 |
| 16998      | 30   | 30   | 30   | 3    | 0,681 |
| 9950       | 39,6 | 58,2 | 39,6 | 1,6  | 0,581 |
| 5105       | 40   | 40   | 40   | 3    | 0,924 |
| 7223       | 40   | 86   | 40   | 3    | 1,296 |
| 4399       | 45   | 6    | 45   | 1,5  | 0,375 |
| 17830      | 50   | 45   | 50   | 3    | 1,126 |
| 6797       | 73   | 12   | 27,5 | 1,5  | 0,443 |
| 6312       | 80   | 45   | 50   | 4    | 1,804 |
|            |      |      |      |      |       |
|            |      |      |      |      |       |
|            |      |      |      |      |       |