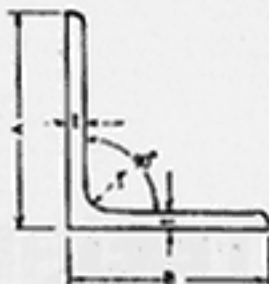


# MILD STEEL EQUAL ANGLES

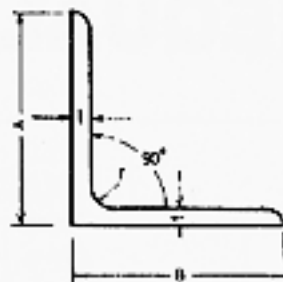


METRIC SERIES

WEIGHT TABLE

| Size<br>(A x B) mm | Thickness<br>(t) mm | Radius of Fillet<br>(r) mm | Sectional Area<br>cm <sup>2</sup> | Unit Weight |       |       | Weight per |      |      |
|--------------------|---------------------|----------------------------|-----------------------------------|-------------|-------|-------|------------|------|------|
|                    |                     |                            |                                   | kg/m        | kg/ft | lb/ft | 6 m        | 9 m  | 12 m |
|                    |                     |                            |                                   |             |       |       | kg         | kg   | kg   |
| 20 x 20            | 3                   | 4                          | 1.127                             | 0.885       | 0.270 | 0.595 | 5.31       | 7.98 | 10.6 |
| 25 x 25            | 3                   | 4                          | 1.427                             | 1.12        | 0.341 | 0.753 | 6.72       | 10.1 | 13.4 |
| 30 x 30            | 3                   | 4                          | 1.727                             | 1.36        | 0.415 | 0.914 | 8.16       | 12.2 | 16.3 |
|                    | 5                   | 4                          | 2.746                             | 2.16        | 0.658 | 1.45  | 13.0       | 19.4 | 25.9 |
| 40 x 40            | 3                   | 4.5                        | 2.336                             | 1.83        | 0.558 | 1.23  | 11.0       | 16.5 | 22.0 |
|                    | 4                   | 4.5                        | 3.066                             | 2.41        | 0.735 | 1.62  | 14.5       | 21.7 | 28.9 |
|                    | 5                   | 4.5                        | 3.755                             | 2.95        | 0.899 | 1.98  | 17.7       | 26.6 | 35.4 |
|                    | 6                   | 4.5                        | 4.445                             | 3.49        | 1.06  | 2.35  | 20.9       | 31.4 | 41.9 |
| 45 x 45            | 3                   | 6.5                        | 2.684                             | 2.11        | 0.643 | 1.42  | 12.7       | 19.0 | 25.3 |
|                    | 4                   | 6.5                        | 3.492                             | 2.74        | 0.835 | 1.84  | 16.4       | 24.7 | 32.9 |
|                    | 5                   | 6.5                        | 4.302                             | 3.38        | 1.03  | 2.27  | 20.3       | 30.4 | 40.6 |
| 50 x 50            | 3                   | 6.5                        | 2.962                             | 2.33        | 0.710 | 1.57  | 14.0       | 21.0 | 28.0 |
|                    | 4                   | 6.5                        | 3.892                             | 3.06        | 0.933 | 2.06  | 18.4       | 27.5 | 36.7 |
|                    | 5                   | 6.5                        | 4.802                             | 3.77        | 1.15  | 2.53  | 22.6       | 33.9 | 45.2 |
|                    | 6                   | 6.5                        | 5.644                             | 4.43        | 1.35  | 2.98  | 26.6       | 39.9 | 53.2 |
|                    | 8                   | 6.5                        | 7.364                             | 5.78        | 1.76  | 3.88  | 34.7       | 52.0 | 69.4 |
| 60 x 60            | 4                   | 6.5                        | 4.692                             | 3.68        | 1.12  | 2.47  | 22.1       | 33.1 | 44.2 |
|                    | 5                   | 6.5                        | 5.802                             | 4.55        | 1.39  | 3.06  | 27.3       | 41.0 | 54.6 |
|                    | 6                   | 6.5                        | 6.892                             | 5.41        | 1.65  | 3.64  | 32.5       | 48.7 | 64.9 |
| 63 x 63            | 5                   | 7                          | 6.133                             | 4.81        | 1.47  | 3.23  | 28.9       | 43.3 | 57.7 |
|                    | 6                   | 7                          | 7.283                             | 5.72        | 1.74  | 3.84  | 34.3       | 51.5 | 68.6 |
| 65 x 65            | 5                   | 8.5                        | 6.367                             | 5.00        | 1.52  | 3.36  | 30.0       | 45.0 | 60.0 |
|                    | 6                   | 8.5                        | 7.527                             | 5.91        | 1.80  | 3.97  | 35.5       | 53.2 | 70.9 |
|                    | 8                   | 8.5                        | 9.761                             | 7.66        | 2.33  | 5.15  | 46.0       | 68.9 | 91.9 |
| 70 x 70            | 5                   | 8.5                        | 6.836                             | 5.37        | 1.64  | 3.61  | 32.2       | 48.3 | 64.6 |
|                    | 6                   | 8.5                        | 8.127                             | 6.38        | 1.94  | 4.29  | 38.3       | 57.4 | 76.6 |
|                    | 7                   | 8.5                        | 9.358                             | 7.35        | 2.24  | 4.94  | 44.1       | 66.2 | 88.2 |
| 75 x 75            | 5                   | 8.5                        | 7.337                             | 5.76        | 1.76  | 3.87  | 34.6       | 51.8 | 69.1 |
|                    | 6                   | 8.5                        | 8.727                             | 6.85        | 2.09  | 4.60  | 41.1       | 61.6 | 82.2 |
|                    | 8                   | 8.5                        | 11.36                             | 8.92        | 2.72  | 5.99  | 53.5       | 80.3 | 107  |
|                    | 9                   | 8.5                        | 12.69                             | 9.96        | 3.04  | 6.69  | 59.8       | 89.6 | 120  |
|                    | 12                  | 8.5                        | 16.56                             | 13.0        | 3.96  | 8.74  | 78.0       | 117  | 156  |
| 80 x 80            | 6                   | 8.5                        | 9.327                             | 7.32        | 2.23  | 4.92  | 43.9       | 65.9 | 87.8 |
|                    | 8                   | 8.5                        | 12.16                             | 9.55        | 2.91  | 6.42  | 57.3       | 86.0 | 115  |

# MILD STEEL EQUAL ANGLES



METRIC SERIES

WEIGHT TABLE

| Size<br>(A x B) mm | Thickness<br>(t) mm | Radius of Fillet<br>(r) mm | Sectional Area<br>cm <sup>2</sup> | Unit Weight |       |       | Weight per |      |      |
|--------------------|---------------------|----------------------------|-----------------------------------|-------------|-------|-------|------------|------|------|
|                    |                     |                            |                                   | kg/m        | kg/ft | lb/ft | 6 m        | 9 m  | 12 m |
|                    |                     |                            |                                   |             |       |       | kg         | kg   | kg   |
| 90 x 90            | 6                   | 10                         | 10.55                             | 8.28        | 2.52  | 5.56  | 49.7       | 74.5 | 99.4 |
|                    | 7                   | 10                         | 12.22                             | 9.59        | 2.92  | 6.44  | 57.5       | 86.3 | 115  |
|                    | 8                   | 10                         | 13.87                             | 10.9        | 3.32  | 7.32  | 65.4       | 98.1 | 131  |
|                    | 9                   | 11                         | 15.60                             | 12.2        | 3.72  | 8.20  | 73.2       | 110  | 146  |
|                    | 10                  | 10                         | 17.00                             | 13.3        | 4.05  | 8.94  | 79.8       | 120  | 160  |
|                    | 13                  | 10                         | 21.71                             | 17.0        | 5.18  | 11.4  | 102        | 153  | 204  |
| 100 x 100          | 6                   | 10                         | 11.75                             | 9.22        | 2.81  | 6.20  | 55.3       | 83.0 | 111  |
|                    | 7                   | 10                         | 13.62                             | 10.7        | 3.26  | 7.19  | 64.2       | 96.3 | 128  |
|                    | 8                   | 10                         | 15.42                             | 12.1        | 3.69  | 8.13  | 72.6       | 109  | 145  |
|                    | 9                   | 10                         | 17.19                             | 13.5        | 4.11  | 9.07  | 81.0       | 122  | 162  |
|                    | 10                  | 10                         | 19.00                             | 14.9        | 4.54  | 10.0  | 89.4       | 134  | 179  |
|                    | 13                  | 10                         | 24.31                             | 19.1        | 5.82  | 12.8  | 115        | 172  | 229  |
| 110 x 110          | 8                   | 10                         | 17.08                             | 13.4        | 4.08  | 9.00  | 80.4       | 121  | 161  |
|                    | 10                  | 10                         | 21.12                             | 16.6        | 5.06  | 11.2  | 99.6       | 149  | 199  |
| 120 x 120          | 8                   | 12                         | 18.76                             | 14.7        | 4.48  | 9.88  | 88.2       | 132  | 176  |
|                    | 10                  | 12                         | 23.15                             | 18.2        | 5.55  | 12.2  | 109        | 164  | 218  |
| 130 x 130          | 9                   | 12                         | 22.74                             | 17.9        | 5.46  | 12.0  | 107        | 161  | 215  |
|                    | 10                  | 12                         | 25.15                             | 19.7        | 6.00  | 13.2  | 118        | 177  | 236  |
|                    | 11                  | 12                         | 27.39                             | 21.5        | 6.55  | 14.4  | 129        | 194  | 258  |
|                    | 12                  | 12                         | 29.76                             | 23.4        | 7.13  | 15.7  | 140        | 211  | 281  |
|                    | 15                  | 12                         | 36.75                             | 28.8        | 8.78  | 19.4  | 173        | 259  | 346  |
| 150 x 150          | 10                  | 14                         | 29.21                             | 22.9        | 6.98  | 15.4  | 137        | 206  | 275  |
|                    | 11                  | 14                         | 32.00                             | 25.1        | 7.65  | 16.9  | 151        | 226  | 301  |
|                    | 12                  | 14                         | 34.77                             | 27.3        | 8.32  | 18.3  | 164        | 246  | 328  |
|                    | 15                  | 14                         | 42.74                             | 33.6        | 10.2  | 22.6  | 202        | 302  | 403  |
|                    | 19                  | 14                         | 53.38                             | 41.9        | 12.8  | 28.2  | 251        | 377  | 503  |
| 175 x 175          | 12                  | 15                         | 40.52                             | 31.8        | 9.69  | 21.4  | 191        | 286  | 382  |
|                    | 15                  | 15                         | 50.21                             | 39.4        | 12.0  | 26.5  | 236        | 355  | 473  |
| 200 x 200          | 15                  | 17                         | 57.75                             | 45.3        | 13.8  | 30.4  | 272        | 408  | 544  |
|                    | 20                  | 17                         | 76.00                             | 59.7        | 18.2  | 40.1  | 358        | 537  | 716  |
|                    | 25                  | 17                         | 93.75                             | 73.6        | 22.4  | 49.5  | 442        | 662  | 883  |