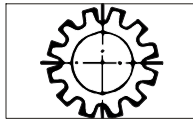
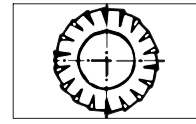


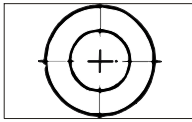
| DIN 137 Spring Washers |        |        |
|------------------------|--------|--------|
| Size                   | Weight |        |
|                        | Type A | Type B |
| M1                     | 0.006  |        |
| M1.2                   | 0.009  |        |
| M1.4                   | 0.010  |        |
| M1.7                   | 0.020  |        |
| M1.8                   | 0.020  |        |
| M2                     | 0.028  |        |
| M2.3                   | 0.035  |        |
| M2.6                   | 0.041  |        |
| M3                     | 0.063  | 0.166  |
| M3.5                   | 0.088  | 0.154  |
| M4                     | 0.140  | 0.193  |
| M5                     | 0.222  | 0.266  |
| M6                     | 0.247  | 0.318  |
| M7                     | 0.265  | 0.800  |
| M8                     | 0.476  | 0.76   |
| M10                    | 1.05   | 2.04   |
| M12                    |        | 3.1    |
| M14                    |        | 5.5    |
| M16                    |        | 6.0    |
| M18                    |        | 7.8    |
| M20                    |        | 8.43   |
| M22                    |        | 11.9   |
| M24                    |        | 14.5   |
| M27                    |        | 21.1   |
| M30                    |        | 29.5   |



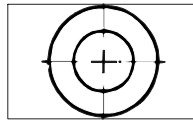
| DIN 6797 Toothed Washer |        |        |
|-------------------------|--------|--------|
| Size                    | Weight |        |
|                         | Type A | Type J |
| 1.6                     | 0.010  |        |
| 2                       | 0.025  | 0.040  |
| 2.5                     | 0.040  | 0.045  |
| 3                       | 0.045  | 0.045  |
| 3.5                     | 0.075  | 0.085  |
| 4                       | 0.095  | 0.10   |
| 5                       | 0.18   | 0.20   |
| 6                       | 0.22   | 0.25   |
| 7                       | 0.30   | 0.35   |
| 8                       | 0.45   | 0.55   |
| 10                      | 0.80   | 0.9    |
| 12                      | 1.0    | 1.2    |
| 14                      | 1.6    | 1.9    |
| 16                      | 2.0    | 2.4    |
| 18                      | 3.5    | 3.7    |
| 20                      | 3.8    | 4.1    |
| 22                      | 5.0    | 6.0    |
| 24                      | 6.0    | 6.5    |
| 27                      | 8.0    | 8.5    |
| 30                      | 9.0    | 9.5    |



| DIN 6798 Serrated Washer |          |        |
|--------------------------|----------|--------|
| Size                     | Weight   |        |
|                          | Type A/J | Type V |
| 1.6                      | 0.020    |        |
| 2.0                      | 0.030    | 0.025  |
| 2.5                      | 0.045    | 0.030  |
| 3.0                      | 0.06     | 0.040  |
| 3.5                      | 0.11     | 0.075  |
| 4                        | 0.14     | 0.1    |
| 5                        | 0.28     | 0.2    |
| 6                        | 0.36     | 0.3    |
| 7                        | 0.50     |        |
| 8                        | 0.80     | 0.5    |
| 10                       | 1.25     | 1.0    |
| 12                       | 1.6      | 1.5    |
| 14                       | 2.3      | 1.9    |
| 16                       | 2.9      | 2.3    |
| 18                       | 5.0      |        |
| 20                       | 6.0      |        |
| 22                       | 7.5      |        |
| 24                       | 8.0      |        |
| 27                       | 12       |        |
| 30                       | 14       |        |



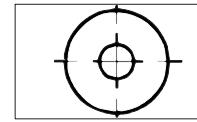
| DIN 433 Flat Washer |        |
|---------------------|--------|
| Size                | Weight |
| M1                  | 0.010  |
| M1.2                | 0.013  |
| M1.4                | 0.012  |
| M1.6                | 0.016  |
| M1.8                | 0.023  |
| M2                  | 0.047  |
| M2.5                | 0.055  |
| M3                  | 0.080  |
| M3.5                | 0.110  |
| M4                  | 0.140  |
| M5                  | 0.385  |
| M6                  | 0.79   |
| M8                  | 1.52   |
| M10                 | 2.11   |
| M12                 | 2.85   |
| M14                 | 4.30   |
| M16                 | 5.42   |
| M18                 | 8.31   |
| M20                 | 9.98   |



| DIN 7349 Flat Washer |        |
|----------------------|--------|
| Size                 | Weight |
| 3                    | 0.436  |
| 4                    | 1.24   |
| 5                    | 2.43   |
| 6                    | 4.59   |
| 8                    | 9.15   |
| 10                   | 12.7   |
| 12                   | 27.1   |
| 14                   | 39.6   |
| 16                   | 48.5   |
| 18                   | 77.4   |
| 20                   | 73.4   |
| 22                   | 97.1   |
| 24                   | 116    |
| 27                   | 174    |
| 30                   | 226    |



| DIN 7980 High Collar Lock Washer |        |
|----------------------------------|--------|
| Size                             | Weight |
| M3                               | 0.105  |
| M3.5                             | 0.114  |
| M4                               | 0.195  |
| M5                               | 0.370  |
| M6                               | 0.425  |
| M8                               | 1.05   |
| M10                              | 1.96   |
| M12                              | 2.28   |
| M14                              | 3.80   |
| M16                              | 5.94   |
| M18                              | 6.60   |
| M20                              | 12.3   |
| M22                              | 13.6   |
| M24                              | 18.1   |
| M27                              | 20.6   |
| M30                              | 32     |
| M33                              | 35     |
| M36                              | 52.5   |
| M42                              | 80     |
| M48                              | 90     |



| DIN 9021 Fender Washer |        |
|------------------------|--------|
| Size                   | Weight |
| 2.5                    | 0.280  |
| 3.0                    | 0.349  |
| 3.5                    | 0.529  |
| 4                      | 0.774  |
| 5                      | 1.46   |
| 6                      | 2.79   |
| 7                      | 5.29   |
| 8                      | 6.23   |
| 10                     | 12.2   |
| 12                     | 22.2   |
| 14                     | 31.6   |
| 16                     | 40.9   |
| 18                     | 67.4   |
| 20                     | 76.8   |
| 24                     | 139    |
| 30                     | 273    |
| 36                     | 522    |

Weight in kgs. per 1,000 pcs. unless otherwise specified. All weights are approximations.  
All information is strictly informative