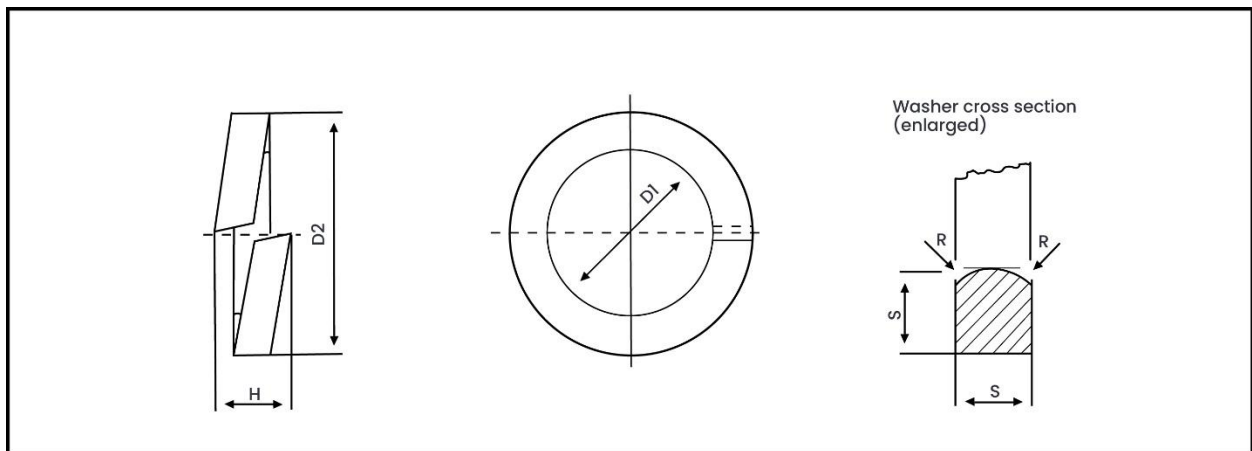


## DIN 7980

### Spring Lock Washer with Square End



*Metric Dimensions – DIN 7980 Spring Lock Washer with Square End*

Table 1: Metric Dimensions – M3 to M16

| D            | D1    |       | D2    | S       |      |      | H    |      | R    |
|--------------|-------|-------|-------|---------|------|------|------|------|------|
|              | Min.  | Max.  | Max.  | Nominal | Min. | Max. | Min. | Max. |      |
| <b>M3</b>    | 3.10  | 3.40  | 5.60  | 1       | 0.90 | 1.10 | 2    | 2.36 | 0.20 |
| <b>M3.50</b> | 3.60  | 3.90  | 6.10  | 1       | 0.90 | 1.10 | 2    | 2.36 | 0.20 |
| <b>M4</b>    | 4.10  | 4.40  | 7     | 1.20    | 1.10 | 1.30 | 2.40 | 2.83 | 0.20 |
| <b>M5</b>    | 5.10  | 5.40  | 8.80  | 1.60    | 1.50 | 1.70 | 3.20 | 3.78 | 0.20 |
| <b>M6</b>    | 6.10  | 6.50  | 9.90  | 1.60    | 1.50 | 1.70 | 3.20 | 3.78 | 0.30 |
| <b>M8</b>    | 8.10  | 8.50  | 12.70 | 2       | 1.90 | 2.10 | 4    | 4.72 | 0.50 |
| <b>M10</b>   | 10.20 | 10.70 | 16    | 2.50    | 2.35 | 2.65 | 5    | 5.90 | 0.80 |
| <b>M12</b>   | 12.20 | 12.70 | 18    | 2.50    | 2.35 | 2.65 | 5    | 5.90 | 0.80 |
| <b>M14</b>   | 14.20 | 14.70 | 21.10 | 3       | 2.80 | 3.20 | 6    | 7.10 | 1    |
| <b>M16</b>   | 16.20 | 17    | 24.40 | 3.50    | 3.30 | 3.70 | 7    | 8.25 | 1    |

Table 2: Metric Dimensions – M18 to M48

| <b>D</b>   | <b>D1</b>   |             | <b>D2</b>   | <b>S</b>       |             |             | <b>H</b>    |             | <b>R</b> |
|------------|-------------|-------------|-------------|----------------|-------------|-------------|-------------|-------------|----------|
|            | <i>Min.</i> | <i>Max.</i> | <i>Max.</i> | <i>Nominal</i> | <i>Min.</i> | <i>Max.</i> | <i>Min.</i> | <i>Max.</i> |          |
| <b>M18</b> | 18.20       | 19          | 26.40       | 3.50           | 3.30        | 3.70        | 7           | 8.25        | 1        |
| <b>M20</b> | 20.20       | 21.20       | 30.60       | 4.50           | 4.30        | 4.70        | 9           | 10.60       | 1        |
| <b>M22</b> | 22.50       | 23.50       | 32.90       | 4.50           | 4.30        | 4.70        | 9           | 10.60       | 1        |
| <b>M24</b> | 24.50       | 25.50       | 35.90       | 5              | 4.80        | 5.20        | 10          | 11.80       | 1.60     |
| <b>M27</b> | 27.50       | 28.50       | 38.90       | 5              | 4.80        | 5.20        | 10          | 11.80       | 1.60     |
| <b>M30</b> | 30.50       | 31.70       | 44.10       | 6              | 5.80        | 6.20        | 12          | 14.20       | 1.60     |
| <b>M33</b> | 33.50       | 34.70       | 47.10       | 6              | 5.80        | 6.20        | 12          | 14.20       | 1.60     |
| <b>M36</b> | 36.50       | 37.70       | 52.20       | 7              | 6.75        | 7.25        | 14          | 16.50       | 1.60     |
| <b>M42</b> | 42.50       | 43.70       | 60.20       | 8              | 7.75        | 8.25        | 16          | 18.90       | 2        |
| <b>M48</b> | 49          | 50.50       | 67          | 8              | 7.75        | 8.25        | 16          | 18.90       | 2        |