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**Buy Online:** [www.springfasteners.co.uk](http://www.springfasteners.co.uk)



Supplier of high quality standard & bespoke  
Non-Threaded Fasteners

## Heavy Duty Disc Springs – DIN 6796

Heavy Duty Disc Springs, also known as Conical Washers, are generally used for heavy bolted sections. For example, pipe flanges, transformers, pressing machines and bus-bars. They are compatible with high tensile bolts. These are manufactured to DIN 6796 specifications.

We can also offer Disc Springs in materials such as:

- Carbon Spring Steel
- Stainless Steel
- Inconel 718 / Inconel X750

These parts can be offered in standard Phosphate & Oil finish, Mechanical Zinc Plate or Deltatone finish.

Please find on the pages below, the standard sizes of DIN 6796 Disc Springs we can offer. If you can't find the size you're looking for, please don't hesitate to contact us so we can help you find what you need.

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ISO 9001:2015 approved

# Heavy Duty Disc Springs

The standard sizes for Disc Springs / Conical Washers DIN 6796

| Product Code | Bolt Size (mm) | Outside Diameter (mm) | Inside Diameter (mm) | Thickness (mm) | Overall Height (mm) |
|--------------|----------------|-----------------------|----------------------|----------------|---------------------|
| 6796003      | 3.00           | 7.00                  | 3.20                 | 0.60           | 0.85                |
| 6796004      | 4.00           | 9.00                  | 4.30                 | 1.00           | 1.30                |
| 6796005      | 5.00           | 11.00                 | 5.30                 | 1.20           | 1.55                |
| 6796006      | 6.00           | 14.00                 | 6.40                 | 1.50           | 2.00                |
| 6796007      | 7.00           | 17.00                 | 7.40                 | 1.75           | 2.30                |
| 6796008      | 8.00           | 18.00                 | 8.40                 | 2.00           | 2.60                |
| 6796010      | 10.00          | 23.00                 | 10.50                | 2.50           | 3.20                |
| 6796012      | 12.00          | 29.00                 | 13.00                | 3.00           | 3.95                |
| 6796014      | 14.00          | 35.00                 | 15.00                | 3.50           | 4.65                |
| 6796016      | 16.00          | 39.00                 | 17.00                | 4.00           | 5.25                |
| 6796018      | 18.00          | 42.00                 | 19.00                | 4.50           | 5.80                |
| 6796020      | 20.00          | 45.00                 | 21.00                | 5.00           | 6.40                |
| 6796022      | 22.00          | 49.00                 | 23.00                | 5.50           | 7.05                |
| 6796024      | 24.00          | 56.00                 | 25.00                | 6.00           | 7.75                |
| 6796027      | 27.00          | 60.00                 | 28.00                | 6.50           | 8.35                |
| 6796030      | 30.00          | 70.00                 | 31.00                | 7.00           | 9.20                |

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