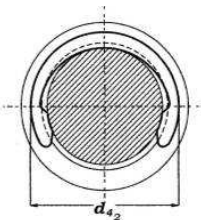
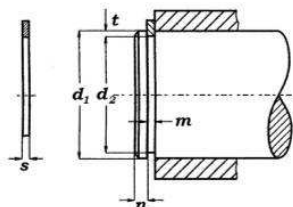
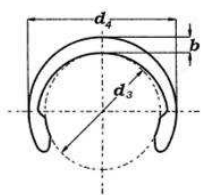


# pierścienie H

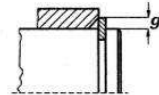
| d <sub>1</sub> | C    |       |                |       |      |                |                            |                | H     |        |      |                 | D A N E |         |         |       |          |                                     |  |
|----------------|------|-------|----------------|-------|------|----------------|----------------------------|----------------|-------|--------|------|-----------------|---------|---------|---------|-------|----------|-------------------------------------|--|
|                | s    | Δ     | d <sub>3</sub> | Δ     | b    | d <sub>4</sub> | $\frac{\Delta}{(kg/1000)}$ | d <sub>2</sub> | Δ     | m min. | t    | d <sub>42</sub> | n       | FN (kN) | FR (kN) | g     | FRg (kN) | n <sub>det.</sub><br>x1000<br>(rpm) |  |
| 3              | 0.40 | -0.05 | 2.18           | ±0.06 | 0.90 | 3.98           | 0.02                       | 2.3            | -0.07 | 0.44   | 0.35 | 4.1             | 1.0     | 0.24    | 0.50    | 0.40  | 0.40     | 95                                  |  |
| 4              | 0.40 |       | 3.00           |       | 1.00 | 5.00           | 0.04                       | 3.2            |       | 0.44   | 0.40 | 5.2             | 1.2     | 0.37    | 0.50    | 0.40  | 0.40     | 90                                  |  |
| 5              | 0.60 |       | 3.80           |       | 1.20 | 6.20           | 0.08                       | 4.0            |       | 0.64   | 0.50 | 6.4             | 1.5     | 0.58    | 1.10    | 0.60  | 0.70     | 88                                  |  |
| 6              | 0.70 |       | 4.80           |       | 1.30 | 7.40           | 0.11                       | 5.0            |       | 0.74   | 0.50 | 7.6             | 1.5     | 0.72    | 1.65    | 0.70  | 1.10     | 80                                  |  |
| 6.5            | 0.70 |       | 5.60           |       | 1.30 | 8.20           | 0.12                       | 5.8            |       | 0.74   | 0.35 | 8.4             | 1.0     | 0.55    | 1.70    | 1.05  | 1.05     | 76                                  |  |
| 7              | 0.80 | ±0.09 | 5.80           |       | 1.40 | 8.60           | 0.13                       | 6.0            | -0.09 | 0.85   | 0.50 | 8.8             | 1.5     | 0.85    | 2.20    | 0.80  | 1.30     | 69                                  |  |
| 8              | 0.80 |       | 6.80           |       | 1.60 | 10.00          | 0.17                       | 7.0            |       | 0.85   | 0.50 | 10.2            | 1.5     | 0.98    | 2.20    | 1.30  | 1.30     | 67                                  |  |
| 9              | 1.00 |       | 7.80           |       | 1.70 | 11.20          | 0.22                       | 8.0            |       | 1.10   | 0.50 | 11.4            | 1.5     | 1.10    | 3.50    | 1.00  | 2.00     | 58                                  |  |
| 10             | 1.00 |       | 8.75           |       | 1.70 | 12.15          | 0.26                       | 9.0            |       | 1.10   | 0.50 | 12.4            | 1.5     | 1.24    | 3.70    | 2.00  | 2.00     | 50                                  |  |
| 11             | 1.00 |       | 9.65           |       | 1.80 | 13.20          | 0.29                       | 10.0           |       | 1.10   | 0.50 | 13.6            | 1.5     | 1.35    | 4.00    | 2.00  | 2.00     | 40                                  |  |
| 12             | 1.00 | ±0.18 | 10.55          |       | 1.90 | 14.35          | 0.32                       | 10.9           | -0.11 | 1.10   | 0.55 | 14.7            | 1.7     | 1.65    | 4.20    | 1.00  | 2.00     | 35                                  |  |
| 13             | 1.00 |       | 11.40          |       | 2.00 | 15.40          | 0.36                       | 11.8           |       | 1.10   | 0.60 | 15.8            | 1.8     | 1.90    | 4.50    | 2.00  | 2.00     | 30                                  |  |
| 14             | 1.00 |       | 12.30          |       | 2.00 | 16.30          | 0.40                       | 12.7           |       | 1.10   | 0.65 | 16.7            | 2.0     | 2.20    | 5.00    | 2.00  | 2.00     | 27                                  |  |
| 15             | 1.00 |       | 13.20          |       | 2.10 | 17.40          | 0.46                       | 13.6           |       | 1.10   | 0.70 | 17.8            | 2.1     | 2.60    | 5.50    | 2.00  | 2.00     | 25                                  |  |
| 16             | 1.00 |       | 14.10          |       | 2.20 | 18.50          | 0.54                       | 14.5           |       | 1.10   | 0.75 | 18.9            | 2.3     | 3.00    | 5.80    | 2.00  | 2.00     | 24                                  |  |
| 17             | 1.00 | -0.06 | 14.90          |       | 2.25 | 19.40          | 0.64                       | 15.4           | -0.21 | 1.10   | 0.80 | 19.9            | 2.4     | 3.40    | 6.00    | 1.00  | 2.00     | 23                                  |  |
| 18             | 1.20 |       | 15.80          |       | 2.30 | 20.40          | 0.72                       | 16.3           |       | 1.30   | 0.85 | 20.9            | 2.6     | 3.70    | 8.50    | 1.20  | 2.80     | 21                                  |  |
| 19             | 1.20 |       | 16.70          |       | 2.40 | 21.50          | 0.80                       | 17.2           |       | 1.30   | 0.90 | 22.0            | 2.7     | 4.30    | 9.00    | 2.80  | 2.80     | 21                                  |  |
| 20             | 1.20 |       | 17.55          |       | 2.55 | 22.65          | 0.87                       | 18.1           |       | 1.30   | 0.95 | 23.2            | 2.9     | 4.70    | 9.40    | 3.00  | 3.00     | 20                                  |  |
| 22             | 1.20 |       | 19.40          |       | 2.80 | 25.00          | 1.10                       | 19.9           |       | 1.30   | 1.05 | 25.5            | 3.2     | 5.70    | 1.00    | 3.00  | 3.00     | 17                                  |  |
| 23             | 1.20 | ±0.21 | 20.20          |       | 2.90 | 26.00          | 1.15                       | 20.8           | -0.21 | 1.30   | 1.10 | 26.6            | 3.3     | 6.20    | 10.50   | 1.20  | 3.20     | 15                                  |  |
| 24             | 1.20 |       | 21.10          |       | 3.00 | 27.10          | 1.52                       | 21.7           |       | 1.30   | 1.15 | 27.7            | 3.5     | 6.80    | 11.00   | 3.20  | 3.20     | 15                                  |  |
| 25             | 1.20 |       | 22.00          |       | 3.15 | 28.30          | 1.74                       | 22.6           |       | 1.30   | 1.20 | 28.9            | 3.6     | 7.50    | 11.50   | 3.20  | 3.20     | 15                                  |  |
| 26             | 1.20 |       | 22.90          |       | 3.25 | 29.40          | 1.88                       | 23.5           |       | 1.30   | 1.25 | 30.0            | 3.8     | 8.00    | 12.00   | 3.20  | 3.20     | 15                                  |  |
| 28             | 1.50 |       | 24.60          |       | 3.50 | 31.60          | 2.32                       | 25.2           |       | 1.60   | 1.40 | 32.2            | 4.2     | 9.70    | 16.50   | 1.50  | 5.50     | 13                                  |  |
| 30             | 1.50 | ±0.25 | 26.30          |       | 3.70 | 33.70          | 2.43                       | 27.0           | -0.25 | 1.60   | 1.50 | 34.4            | 4.5     | 11.00   | 17.00   | 1.50  | 5.60     | 13                                  |  |
| 32             | 1.50 |       | 28.10          |       | 4.00 | 36.10          | 3.02                       | 28.8           |       | 1.60   | 1.60 | 36.8            | 4.6     | 12.50   | 18.00   | 5.80  | 5.80     | 13                                  |  |
| 35             | 1.50 |       | 30.80          |       | 4.30 | 39.40          | 3.30                       | 31.5           |       | 1.60   | 1.75 | 40.1            | 5.3     | 15.00   | 20.00   | 5.80  | 5.80     | 11                                  |  |
| 36             | 1.75 |       | 31.70          |       | 4.40 | 40.50          | 4.40                       | 32.4           |       | 1.85   | 1.80 | 41.2            | 5.4     | 16.00   | 25.00   | 1.75  | 8.30     | 10                                  |  |
| 38             | 1.75 |       | 33.40          |       | 4.60 | 42.60          | 4.62                       | 34.2           |       | 1.85   | 1.90 | 43.4            | 5.7     | 17.50   | 26.00   | 8.50  | 8.50     | 10                                  |  |
| 40             | 1.75 | ±0.39 | 35.20          |       | 4.90 | 45.00          | 5.05                       | 36.0           | -0.25 | 1.85   | 2.00 | 45.8            | 6.0     | 20.00   | 27.50   | 1.75  | 8.80     | 9                                   |  |
| 42             | 1.75 |       | 37.00          |       | 5.10 | 47.20          | 5.46                       | 37.8           |       | 1.85   | 2.10 | 48.0            | 6.3     | 21.50   | 28.00   | 8.90  | 8.90     | 9                                   |  |
| 45             | 1.75 |       | 39.60          |       | 5.50 | 50.60          | 5.98                       | 40.5           |       | 1.85   | 2.25 | 51.5            | 6.8     | 25.00   | 30.00   | 9.00  | 9.00     | 8                                   |  |
| 48             | 1.75 |       | 42.30          |       | 5.90 | 54.10          | 7.82                       | 43.2           |       | 1.85   | 2.40 | 55.0            | 7.2     | 28.00   | 32.00   | 9.00  | 9.00     | 8                                   |  |
| 50             | 2.00 |       | 44.00          |       | 6.20 | 56.40          | 8.85                       | 45.0           |       | 2.15   | 2.50 | 57.4            | 7.5     | 31.00   | 39.50   | 2.00  | 12.00    | 7                                   |  |
| 52             | 2.00 | -0.07 | 46.00          |       | 6.30 | 58.60          | 9.33                       | 47.0           | -0.07 | 2.15   | 2.50 | 59.6            | 7.5     | 32.00   | 41.00   | 2.00  | 12.00    | 7                                   |  |
| 55             | 2.00 |       | 48.50          |       | 6.50 | 61.50          | 10.40                      | 50.0           |       | 2.15   | 2.50 | 63.0            | 7.5     | 34.00   | 43.00   | 12.00 | 12.00    | 7                                   |  |



H



$$d_{42} = d_2 + 2b$$



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