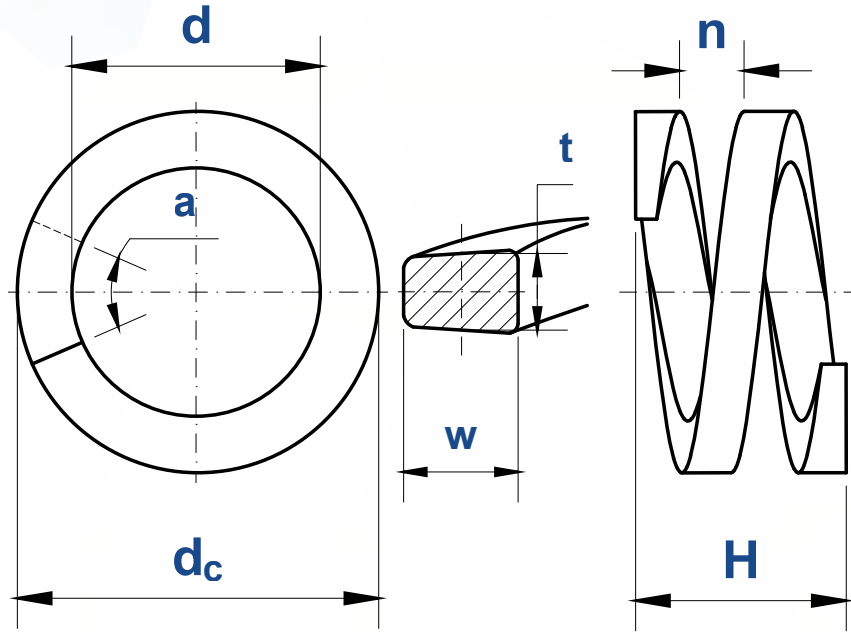




| Nominal Diameter     |              | 3/8    | 1/2    | 5/8    | 3/4    | 7/8    | 1      |
|----------------------|--------------|--------|--------|--------|--------|--------|--------|
| <b>d</b>             | Nominal Size | 0.3750 | 0.5000 | 0.6250 | 0.7500 | 0.8750 | 1.0000 |
|                      | min          | 0.385  | 0.510  | 0.635  | 0.760  | 0.885  | 1.010  |
|                      | max          | 0.408  | 0.535  | 0.660  | 0.791  | 0.915  | 1.040  |
| <b>d<sub>c</sub></b> | max          | 0.814  | 1.035  | 1.284  | 1.415  | 1.808  | 1.928  |
| <b>a</b>             | min          | 30°    | 30°    | 30°    | 30°    | 30°    | 30°    |
|                      | max          | 35°    | 35°    | 35°    | 35°    | 35°    | 35°    |
| <b>H</b>             | min          | 0.530  | 0.530  | 0.785  | 0.785  | 0.860  | 0.860  |
| <b>w</b>             | min          | 0.196  | 0.243  | 0.302  | 0.302  | 0.437  | 0.437  |
| <b>n</b>             | max          | 0.145  | 0.145  | 0.220  | 0.220  | 0.229  | 0.229  |
| <b>t</b>             | min          | 0.156  | 0.156  | 0.234  | 0.234  | 0.250  | 0.250  |

①, Washers shall be made from material meeting the chemical composition requirements of the following standards:  
a, up to and including 3/4 in. carbon steel -SAE J403 1055-1065(UNS G10550-G10650);  
b, 7/8 in. and above boron steel -SAE J411 10B55-10B65