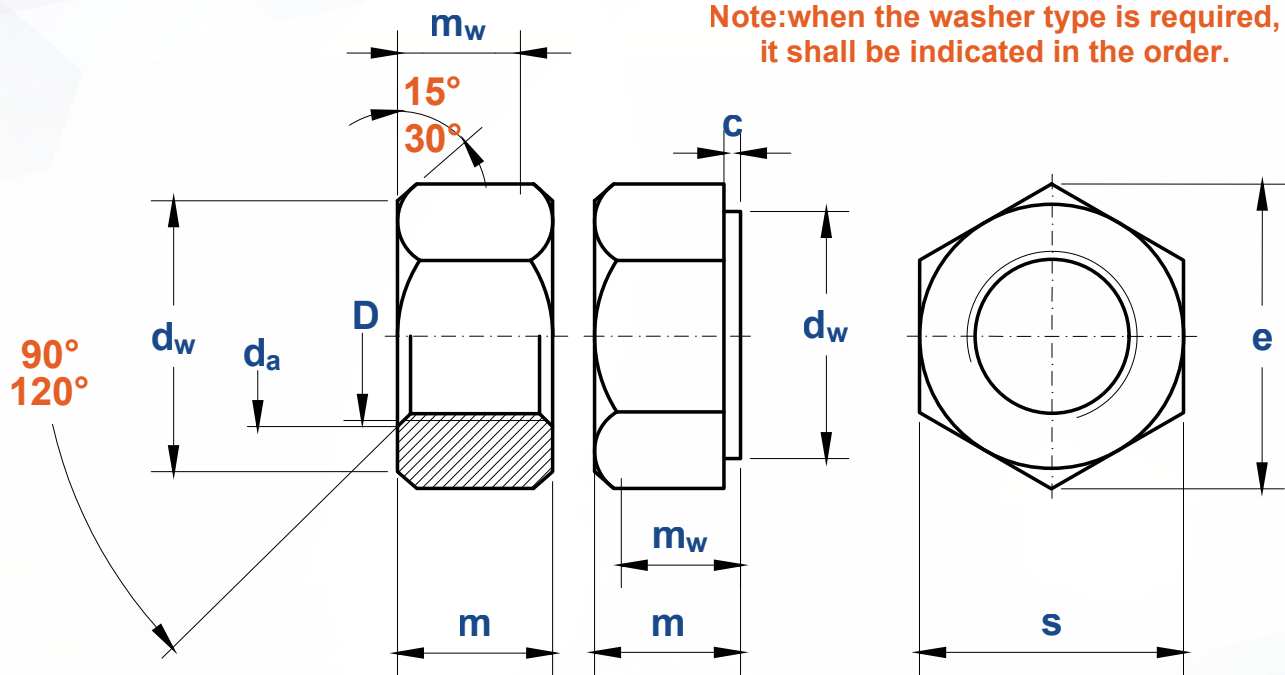




| Thread Size<br>D |       |                  | M8<br>grade A | M10<br>grade A | M12<br>grade A | (M14)<br>grade A | M16<br>grade A | (M18)<br>grade B | M20<br>grade B | (M22)<br>grade B | M24<br>grade B | (M27)<br>grade B | M30<br>grade B | (M33)<br>grade B | M36<br>grade B | (M39)<br>grade B |
|------------------|-------|------------------|---------------|----------------|----------------|------------------|----------------|------------------|----------------|------------------|----------------|------------------|----------------|------------------|----------------|------------------|
| P                | Pitch | Fine thread-1    | 1             | 1.25           | 1.5            | 1.5              | 1.5            | 2                | 2              | 2                | 2              | 2                | 2              | 2                | 3              | 3                |
|                  |       | Fine thread-2    | /             | 1              | 1.25           | /                | /              | 1.5              | 1.5            | 1.5              | /              | /                | /              | /                | /              | /                |
| c                |       | max              | 0.6           | 0.6            | 0.6            | 0.6              | 0.8            | 0.8              | 0.8            | 0.8              | 0.8            | 0.8              | 0.8            | 0.8              | 0.8            | 1                |
|                  |       | min              | 0.15          | 0.15           | 0.15           | 0.15             | 0.2            | 0.2              | 0.2            | 0.2              | 0.2            | 0.2              | 0.2            | 0.2              | 0.2            | 0.3              |
| d <sub>a</sub>   |       | max              | 8.75          | 10.8           | 12.96          | 15.12            | 17.28          | 19.44            | 21.6           | 23.76            | 25.92          | 29.16            | 32.4           | 35.64            | 38.88          | 42.12            |
|                  |       | min              | 8             | 10             | 12             | 14               | 16             | 18               | 20             | 22               | 24             | 27               | 30             | 33               | 36             | 39               |
| d <sub>w</sub>   |       | min              | 11.63         | 14.63          | 16.63          | 19.64            | 22.49          | 24.85            | 27.7           | 31.35            | 33.25          | 38               | 42.75          | 46.55            | 51.11          | 55.86            |
| e                |       | min              | 14.38         | 17.77          | 20.03          | 23.36            | 26.75          | 29.56            | 32.95          | 37.29            | 39.55          | 45.2             | 50.85          | 55.37            | 60.79          | 66.44            |
| m                |       | max              | 7.5           | 9.3            | 12             | 14.1             | 16.4           | 17.6             | 20.3           | 21.8             | 23.9           | 26.7             | 28.6           | 32.5             | 34.7           | 37.5             |
|                  |       | min              | 7.14          | 8.94           | 11.57          | 13.4             | 15.7           | 16.9             | 19             | 20.5             | 22.6           | 25.4             | 27.3           | 30.9             | 33.1           | 35.9             |
| m <sub>w</sub>   |       | min              | 5.71          | 7.15           | 9.26           | 10.72            | 12.56          | 13.52            | 15.2           | 16.4             | 18.08          | 20.32            | 21.84          | 24.72            | 26.48          | 28.72            |
| s                |       | max=nominal size | 13            | 16             | 18             | 21               | 24             | 27               | 30             | 34               | 36             | 41               | 46             | 50               | 55             | 60               |
|                  |       | min              | 12.73         | 15.73          | 17.73          | 20.67            | 23.67          | 26.16            | 29.16          | 33               | 35             | 40               | 45             | 49               | 53.8           | 58.8             |