



| d | | M6 | M8 | M10 | M12 |
|----|------|----------------------|------|------|------|
| P | | 1.00 | 1.25 | 1.50 | 1.75 |
| a | max. | 2.0 | 2.5 | 3.0 | 3.5 |
| db | max. | 4.3 | 6.0 | 7.3 | 9.3 |
| dw | min. | 10 | 13 | 17 | 20 |
| dc | max. | 10.8 | 14 | 18.2 | 21.4 |
| r1 | max. | 0.45 | 0.6 | 0.6 | 0.8 |
| | min. | 0.25 | 0.4 | 0.4 | 0.6 |
| r2 | nom. | 0.2 | 0.2 | 0.2 | 0.2 |
| r3 | nom. | 0.2 | 0.2 | 0.2 | 0.2 |
| α | max. | 15° | 15° | 15° | 15° |
| | min. | 13° | 13° | 13° | 13° |
| θ | max. | 23° | 23° | 23° | 23° |
| | min. | 22° | 22° | 22° | 22° |
| w | max. | 0.8 | 0.8 | 1 | 1 |
| | min. | 0.6 | 0.6 | 0.8 | 0.8 |
| k | max. | 3.2 | 4.2 | 5.2 | 6.2 |
| | nom. | 3.0 | 4.0 | 5.0 | 6.0 |
| | min. | 2.8 | 3.8 | 4.8 | 5.8 |
| h | max. | 1.93 | 2.55 | 3.35 | 3.97 |
| | min. | 1.73 | 2.35 | 3.10 | 3.72 |
| L | | Per customer request | | | |

1) All mechanical properties shall be in accordance with ISO 898-1.
 2) Threads shall comply with DIN ISO 261 and ISO 965-2 standards.
 3) For special requests, please contact us at RD@normfasteners.com
 4) The product will be delivered with the tightening bit.

All dimensions are in mm unless otherwise specified.