



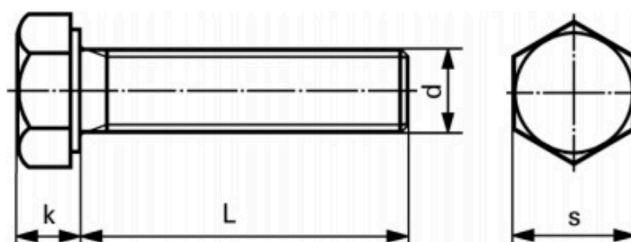
## FICHA TÉCNICA

**Tornillo hexagonal rosca total negro**  
UNF - UNS SAE

**DIN 933**

Referencia: 0002 + Medida NEGRO

**CLASE 8.8**



| Thread, d | p    | K     |       |       |       | S   |       |       |
|-----------|------|-------|-------|-------|-------|-----|-------|-------|
|           |      | A     |       | B     |       | MAX | MIN   |       |
|           |      | MAX   | MIN   | MAX   | MIN   |     | A     | B     |
| M1.6      | 0.35 | 1.22  | 0.98  | /     | /     | 3.2 | 3.02  | /     |
| M2        | 0.4  | 1.52  | 1.28  | /     | /     | 4   | 3.82  | /     |
| M2.5      | 0.45 | 1.82  | 1.58  | /     | /     | 5   | 4.82  | /     |
| M3        | 0.5  | 2.12  | 1.88  | /     | /     | 5.5 | 5.32  | /     |
| M3.5      | 0.6  | 2.52  | 2.28  | /     | /     | 6   | 5.82  | /     |
| M4        | 0.7  | 2.92  | 2.68  | 3     | 2.8   | 7   | 6.78  | 6.64  |
| M5        | 0.8  | 3.65  | 3.35  | 3.74  | 3.26  | 8   | 7.78  | 7.64  |
| M6        | 1    | 4.15  | 3.85  | 4.24  | 3.76  | 10  | 9.78  | 9.64  |
| M7        | 1    | 4.95  | 4.65  | 5.04  | 4.56  | 11  | 10.73 | 10.57 |
| M8        | 1.25 | 5.45  | 5.15  | 5.54  | 5.06  | 13  | 12.73 | 12.57 |
| M10       | 1.5  | 6.56  | 6.22  | 6.69  | 6.11  | 17  | 16.73 | 16.57 |
| M12       | 1.75 | 7.68  | 7.32  | 7.79  | 7.21  | 19  | 18.67 | 18.48 |
| M14       | 2    | 8.98  | 8.62  | 9.09  | 8.51  | 22  | 21.67 | 21.16 |
| M16       | 2    | 10.18 | 9.82  | 10.29 | 9.71  | 24  | 23.67 | 23.16 |
| M18       | 2.5  | 11.72 | 11.28 | 11.85 | 11.15 | 27  | 26.67 | 26.15 |
| M20       | 2.5  | 12.72 | 12.28 | 12.85 | 12.15 | 30  | 29.67 | 29.16 |
| M22       | 2.5  | 14.22 | 13.78 | 14.35 | 13.65 | 32  | 31.61 | 31    |
| M24       | 3    | 15.22 | 14.78 | 15.35 | 14.65 | 36  | 35.38 | 35    |
| M27       | 3    | /     | /     | 17.35 | 16.65 | 41  | /     | 40    |
| M30       | 3.5  | /     | /     | 19.12 | 18.28 | 46  | /     | 45    |
| M33       | 3.5  | /     | /     | 21.42 | 20.58 | 50  | /     | 49    |
| M36       | 4    | /     | /     | 22.92 | 22.08 | 55  | /     | 53.8  |
| M39       | 4    | /     | /     | 25.42 | 24.58 | 60  | /     | 58.8  |
| M42       | 4.5  | /     | /     | 26.42 | 25.58 | 65  | /     | 63.1  |
| M45       | 4.5  | /     | /     | 28.42 | 27.58 | 70  | /     | 68.1  |
| M48       | 5    | /     | /     | 30.42 | 29.58 | 75  | /     | 73.1  |
| M52       | 5    | /     | /     | 33.5  | 32.5  | 80  | /     | 78.1  |