

TECHNICAL DATA SHEET (TDS)

Product: Hexagon Head Bolts (Full Thread)

Standard: DIN 933 / ISO 4017

1. Description

DIN 933 represents fully threaded hexagon head bolts, widely used in various industrial and construction applications requiring strong, reliable fastening.

2. Material & Mechanical Properties

- Material: Carbon Steel / Alloy Steel / Stainless Steel
- Property Class: 4.8, 8.8, 10.9, 12.9 / A2-70, A4-80
- Finish: Plain, Zinc Plated (Cr3+), HDG, Black Oxide

3. Dimensional Specifications (mm)

| Thread Size (d) | Pitch (P) | Head Width Across Flats (s) | Head Height (k) |

| :--- | :--- | :--- | :--- |

| M6 | 1.00 | 10.00 | 4.00 |

| M8 | 1.25 | 13.00 | 5.30 |

| M10 | 1.50 | 17.00 | 6.40 |

| M12 | 1.75 | 19.00 | 7.50 |

| M16 | 2.00 | 24.00 | 10.00 |

| M20 | 2.50 | 30.00 | 12.50 |

(Note: For lengths (L) and full dimensions, please contact our sales team.)