



ASME B18.2.3.1M Hex Bolt

Leader-Fastener is a manufacturer and distributor of **ASME B18.2.3.1M Hex Bolt**. We have a complete line of service from having invested in production plants, export department and to having a quality control team and center to meet your requirements. We regard quality as the life of the company. We persist in good quality as the first policy and have established a set of quality control and inspection system according to the international standard. We have carried out ISO9001 Quality Guarantee System in every course of production, transportation and selling. We do hope we could be your partner in business by topping quality, knight service and competitive

price in the near future and be your friends as well.

ASME B18.2.3.1M Hex Bolts –A2 / 304 stainless steel metric hexagon head cap screws–full thread bolts

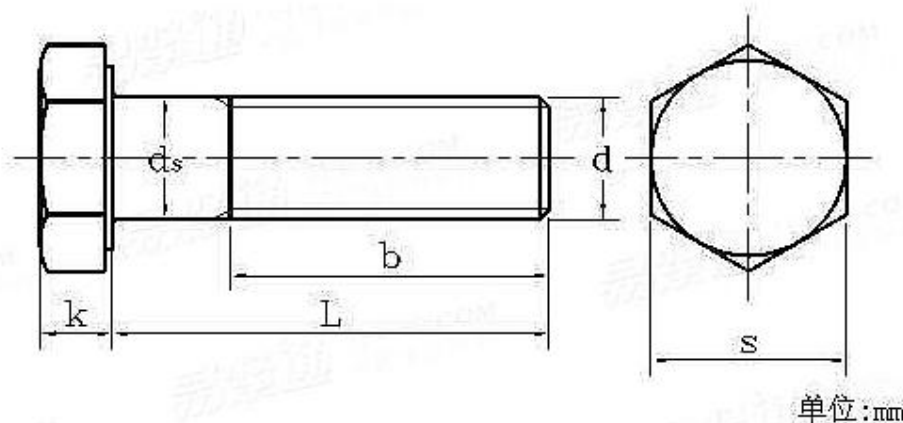
ASME B18.2.3.1M Hex Bolts and hexagon head cap screws are metric externally threaded fasteners with a hexagonal washer faced head and a chamfered tip to facilitate mating with an internally threaded component. ASME B18.2.3.1M hex cap screws have a fully threaded shank and are manufactured to very strict tolerances. The **ASME B18.2.3.1M hex bolts**, hex cap screws and other inch and metric industrial fasteners all are available for standard fasteners or custom requirements.

The metric **ASME B18.2.3.1M Hexagon Head Bolts** / Hexagon Head Cap Screws are available in Diameters ranging from M2 to M52, and material in A2 and marine grade A4 stainless steel as well as aluminum, brass nylon and steel.

Material available: A2, A4, 304, 316 stainless steel, carbon steel, plastic, brass.

Equivalent Norms: DIN 933, ISO 4017, CSN 21103, DIN EN 24017, PN 82105, UNI 5739 hex head bolts, full thread bolts, hex head cap screw.

ANSI/ASME B 18.2.3.1M - 2005 Metric hex cap screws



| Screw Thread d | Pitch | d _s | | s | | k | |
|-------------------|-------|----------------|-------|-----|--------|-------|-------|
| | | max | min | max | min | max | min |
| M5 | 0.8 | 5 | 4.82 | 8 | 7.78 | 3.65 | 3.35 |
| M6 | 1 | 6 | 5.82 | 10 | 9.78 | 4.15 | 3.85 |
| M8 | 1.25 | 8 | 7.78 | 13 | 12.73 | 5.50 | 5.10 |
| M10 | 1.5 | 10 | 9.78 | 15 | 14.73 | 6.63 | 6.17 |
| M10 | 1.5 | 10 | 9.78 | 16 | 15.73 | 6.63 | 6.17 |
| M12 | 1.75 | 12 | 11.73 | 18 | 17.73 | 7.76 | 7.24 |
| M14 | 2 | 14 | 13.73 | 21 | 20.67 | 9.09 | 8.51 |
| M16 | 2 | 16 | 15.73 | 24 | 23.67 | 10.32 | 9.68 |
| M20 | 2.5 | 20 | 19.67 | 30 | 29.16 | 12.88 | 12.12 |
| M24 | 3 | 24 | 23.67 | 36 | 35.00 | 15.44 | 14.46 |
| M30 | 3.5 | 30 | 29.67 | 46 | 45.00 | 19.48 | 17.92 |
| M36 | 4 | 36 | 35.61 | 55 | 53.80 | 23.38 | 21.62 |
| M42 | 4.5 | 42 | 41.38 | 65 | 62.90 | 26.97 | 25.03 |
| M48 | 5 | 48 | 47.38 | 75 | 72.60 | 31.07 | 28.93 |
| M56 | 5.5 | 56 | 55.26 | 85 | 82.20 | 36.20 | 33.80 |
| M64 | 6 | 64 | 63.26 | 95 | 91.80 | 41.32 | 38.68 |
| M72 | 6 | 72 | 71.26 | 105 | 101.40 | 46.45 | 43.55 |
| M80 | 6 | 80 | 79.26 | 115 | 111.00 | 51.58 | 48.42 |
| M90 | 6 | 90 | 89.13 | 130 | 125.50 | 57.75 | 54.26 |
| M100 | 6 | 100 | 99.13 | 145 | 140.00 | 63.90 | 60.10 |