



### ANSI B18.2.3.7M Hex Bolt

Leader-Fastener is a manufacturer and distributor of **ANSI B18.2.3.7M 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

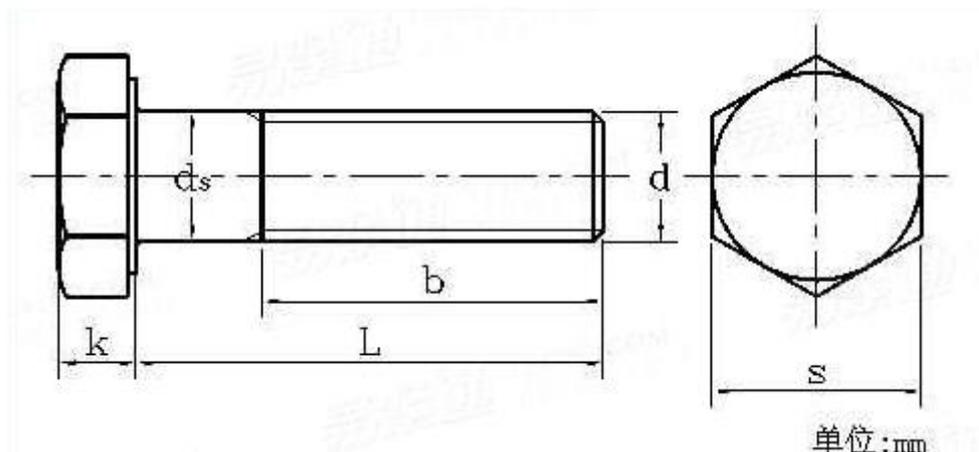
by topping quality, knight service and competitive price in the near future and be your friends as well.

### Product Introduction of ANSI B18.2.3.7M Hex Bolt

Hexagon bolts are a type of fastener consisting of a head and a screw (a cylinder with an external thread), which need to be matched with a nut to fasten and connect two parts with through holes. This form of connection is called a bolted connection. If the nut is unscrewed from the bolt, the two parts can be separated, so the bolt connection is a detachable connection.

Stainless steel bolts are made of stainless steel SUS201 bolts, SUS304 bolts, and SUS316 bolts. The performance grades of bolts for steel structure connection are divided into more than 10 grades such as 3.6, 4.6, 4.8, 5.6, 6.8, 8.8, 9.8, 10.9, 12.9, etc. Among them, the bolts of grade 8.8 and above are made of low-carbon alloy steel or medium-carbon steel and are heat-treated (quenching, tempering), commonly known as high-strength bolts, the rest are commonly known as ordinary bolts. The bolt performance grade label consists of two parts of numbers, which represent the nominal tensile strength value and yield ratio of the bolt material respectively.

### ANSI/ASME B 18.2.3.7M - 2006 Metric heavy hex structural bolts



Nominal Diameter d	Pitch	d <sub>s</sub>		s		k	
		max	min	max	in	max	min
M16	2	16.70	15.30	27.00	26.16	10.75	9.25
M20	2.5	20.84	19.16	34.00	33.00	13.40	11.60
M22	2.5	22.84	21.16	36.00	35.00	14.90	13.10
M24	3	24.84	23.16	41.00	40.00	15.90	14.10
M27	3	27.84	26.16	46.00	45.00	17.90	16.10
M30	3.5	30.84	29.16	50.00	49.00	19.75	17.65
M36	4	37.00	35.00	60.00	58.80	23.55	21.45