



### ASME B18.2.6M Hex Nut

Leader-Fastener is a manufacturer and distributor of **ASME B18.2.6M Hex Nut**. 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.

**ANSI B18.2.6M ASTM A563 Heavy Hex Nuts** by Material, Finish and Size Heavy Hex Nuts are larger and thicker than standard (finished) hex nuts. The heavy hex pattern is typically used for large diameter and high strength bolts, and with certain high-strength grades of steel can be used with structural bolts in structural applications.

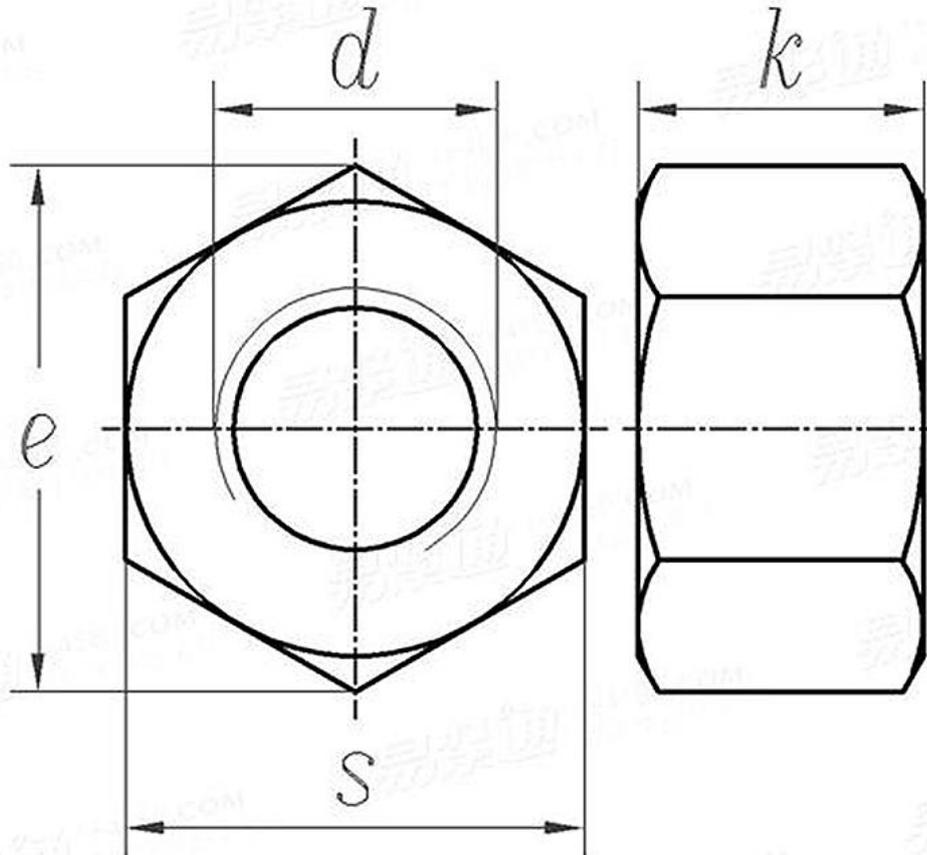
A heavy hex nut is visibly different from a normal hex nut or finished hex nut in that it is bigger and stronger. Hex Nuts are hexagon nuts with six sides that are used to tighten bolts and screws. Its use, however, is not restricted to hex-headed bolts. The hexagonal body allows for fast wrenching while still applying sufficient torque to the bolting joint. Both types of bolts can be used with hex nuts. Hex nuts are also known as hexagon nuts or six-sided nuts. With unified national coarse pitch (UNC), fine pitch (UNF), fixed pitch (Un), and ISO metric thread profiles, hex nut dimensions are described in both metric and imperial sizes. These are available in a variety of materials and ASTM requirements.

Common applications of Heavy Hex Nuts are: Structural / Machinery / Automotive

### Product Specification of **ASME B18.2.6M Hex Nut**

Material : Carbon steel, Stainless steel, Alloy Steel, Brass.

Finishment: Black, Zinc Plated, Zinc Yellow, HDG, Phosphate, DACROMET, Geomet, Magin, Ruspert, Teflon, etc.

**ASME B 18.2.6M - 2012 Metric Heavy Hex Nuts for Use With Structural Bolts (ASTM A563M)**


Thread Size		M12	M16	M20	M22	M24	M27	M30	M36
D									
P	Thread Pitch	1.75	2.00	2.50	2.50	3.00	3.00	3.50	4.00
s	max	21.00	27.00	34.00	36.00	41.00	46.00	50.00	60.00
	min	20.16	26.16	33.00	35.00	40.00	45.00	49.00	58.80
e	max	24.25	31.18	39.26	41.57	47.34	53.12	57.74	69.28
	min	22.78	29.56	37.29	39.55	45.2	50.85	55.37	66.44
k	max	12.3	17.1	20.7	23.6	24.2	27.6	30.7	36.6
	min	11.9	16.4	19.4	22.3	22.9	26.3	29.1	35.0

①, Chemical and mechanical properties of heavy hex nuts shall conform to ASTM A563M property classes.