



ASME B18.2.3.3M Hex Bolt

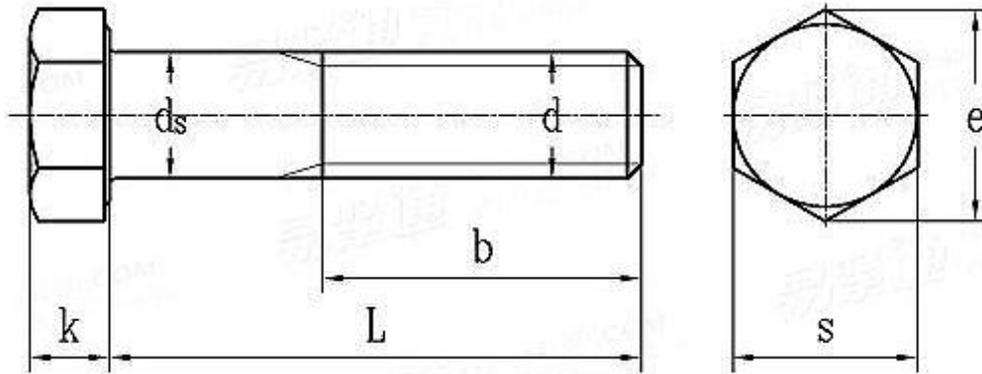
Leader-Fastener is a manufacturer and distributor of **ASME B18.2.3.3M Hex Bolt**. We have a complete line of service from having invested in production plants, export department and to having a quality control team and center to meet your requirements. We regard quality as the life of the company. We 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 ASME B18.2.3.3M Hex Bolt

This Standard covers the complete general and dimensional data for metric heavy hex screws recognized as American National Standard. ISO has not yet initiated development of an ISO standard for heavy hex screws. However, nominal diameters and thread pitches, body diameters,widths across flats, bearing surface diameters,head heights,thread lengths, thread dimensions,and nominal lengths are in accord with ISO standards for related hex head screws and bolts.Letter symbols designating dimensional characteristics are in accord with those used in ISO standards,except capital letters have been used instead of the lowercase letters used in ISO standards.

Hexagon bolts are a type of fastener consisting of a head and a screw (a cylinder with an external thread), and a nut is required to fasten two parts with a through hole. They are commonly used in residential and commercial mechanical and construction projects. Full thread size provides excellent grip strength. Some thread sizes help where shear resistance is important. Secure with corresponding nuts or use in threaded holes. A type of fastener consisting of a head and a screw (a cylinder with an external thread), which requires a nut to securely connect two parts with a through hole.Because bolts are also a type of railway accessories, railway accessories are an integral part of railway lines. The track referred to here includes rails, sleepers, connectors, ballast beds, anti-climbing equipment, rail supports and turnouts.As an overall engineering structure, the track is laid on the roadbed, which guides the operation of the train and directly bears the huge pressure and load of the rolling stock. Under the power of train operation, its components must have sufficient strength and stability to ensure the safe, stable and uninterrupted operation of the train at the specified maximum speed.

ANSI/ASME B 18.2.3.3M - 2007 (R2014) Metric heavy hex screws (F568M, F738M, F468M)


Nominal Diameter d		M12	M14	M16	M20	M24	M30	M36
P	Thread Pitch	1.75	2	2	2.5	3	3.5	4
ds	max	12	14	16	20	24	30	36
	min	11.73	13.73	15.73	19.67	23.67	29.67	35.61
s	max	21	24	27	34	41	50	60
	min	20.67	23.67	26.67	33	40	49	58.8
e	max	24.25	27.71	31.18	39.26	47.34	57.74	69.28
	min	23.35	26.75	30.14	37.29	45.2	55.37	66.44
k	max	7.76	9.09	10.32	12.88	15.44	19.48	23.38
	min	7.24	8.51	9.68	12.12	14.56	17.92	21.72
b	L ≤ 125	30	34	38	46	54	66	78
	125 < L ≤ 200	36	40	44	52	60	72	84
	L > 200	49	53	57	65	73	85	97