



ASME B 18.2.4.1M Hex Nut

Leader-Fastener is a manufacturer and distributor of **ASME B 18.2.4.1M 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

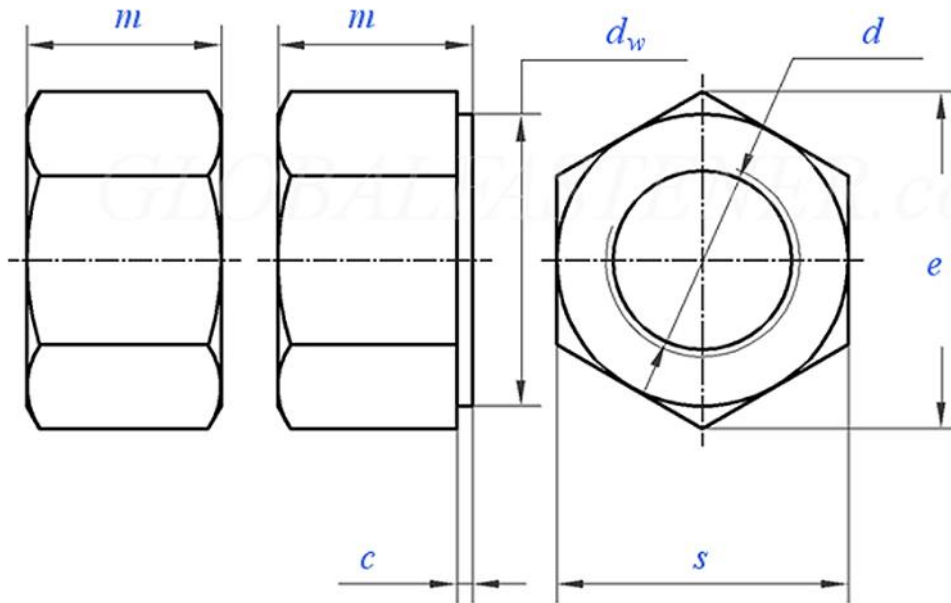
by topping quality, knight service and competitive price in the near future and be your friends as well.

This **ASME B 18.2.4.1M Hex Nut** recognized as American Society of Mechanical Engineers (ASME) Standard. Metric Hex Nuts made of standard and high-quality raw material with metric thread that provides a strong and secure connection. **ASME B18.2.4.1M Metric Hex Nuts** is six-sided internally threaded fasteners perfectly meet standard hex nut and most commonly used for medium to heavy-duty application. ASME B18.2.4.1M have a plain and smooth bearing surface with commercial tolerance. ASME B18.2.4.1M made of different grade of steel, stainless steel and other corrosion-resistant material to make it suitable for the most fastening application. It is hexagonal in shape and chamfered at corner allow tightened through spanner or wrench, once they fit perfectly, they resist loosening from counter-clockwise motion.

Product Specification of ASME B 18.2.4.1M Hex Nut

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

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

ANSI/ASME B 18.2.4.1M - 2007 Metric Hexagon Nuts


Thread Size		M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M8
D										
P	Pitch	0.35	0.40	0.45	0.50	0.60	0.70	0.80	1.00	1.25
s	max	3.20	4.00	5.00	5.50	6.00	7.00	8.00	10.00	13.00
	min	3.02	3.82	4.82	5.32	5.82	6.78	7.78	9.78	12.73
e	max	3.70	4.62	5.77	6.35	6.93	8.08	9.24	11.55	15.01
	min	3.41	4.32	5.45	6.01	6.58	7.66	8.79	11.05	14.38
m	max	1.30	1.60	2.00	2.40	2.8	3.20	4.70	5.20	6.80
	min	1.05	1.35	1.75	2.15	2.55	2.90	4.40	4.90	6.44
dw	min	2.3	3.1	4.1	4.6	5.1	6.0	7.0	8.9	11.6
c ②	max	-	-	-	-	-	-	-	-	-
	min	-	-	-	-	-	-	-	-	-

Thread Size		M10 ①	M10 ①	M12	M14	M16	M20	M24	M30	M36
D										
P	Pitch	1.50	1.50	1.75	2.00	2.00	2.50	3.00	3.50	4.00
s	max	15.00	16.00	18.00	21.00	24.00	30.00	36.00	46.00	55.00
	min	14.73	15.73	17.73	20.67	23.67	29.16	35.00	45.00	53.80
e	max	17.32	18.45	20.78	24.25	27.71	34.64	41.57	53.12	63.51
	min	16.64	17.77	20.03	23.35	26.75	32.95	39.55	50.85	60.79

m	max	9.10	8.40	10.80	12.80	14.80	18.00	21.50	25.60	31.00
	min	8.70	8.04	10.37	12.10	14.10	16.90	20.20	24.30	29.40
dw	min	13.6	14.6	16.6	19.4	22.4	27.9	32.5	42.5	50.8
c ②	max	-	-	-	-	-	0.8	0.8	0.8	0.8
	min	-	-	-	-	-	0.4	0.4	0.4	0.4

①,When M10 nuts are ordered, nuts with 16 mm width across flats shall be finished, unless 15 mm width across flats is specified.

②,M16 and smaller nuts shall be double chamfered. M20 and larger nuts, at the manufacturer's option, shall be either double chamfered or have a washer faced bearing surface and a chamfered top.