ANSI B 18.2.4.1M Hex Nut

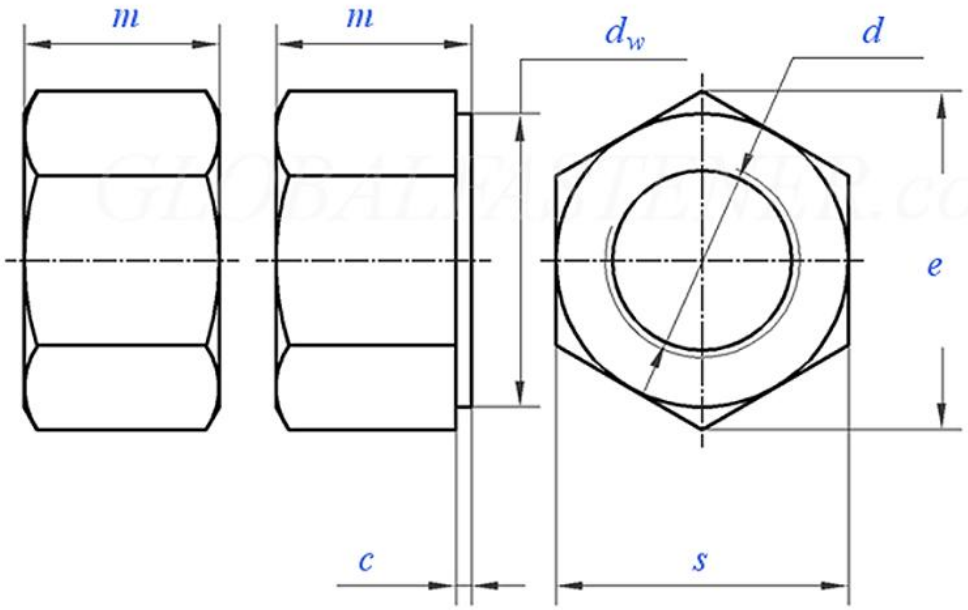
Leader-Fastener is a manufacturer and distributor of **ANSI B 18.2.4.1M Hex Nut**. We have a complete line of service from having invested in production plants, export department and to having a quality control team and center to meet your requirements. We regard quality as the life of the company. We 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.

ANSI B 18.2.4.1M Hex Nut are hexagonal nuts used to fasten bolts and screws. Hex nuts are often used with hex head bolts. However, its use is not limited to hex head bolts. The hexagonal body makes it easy to wrench while applying enough torque to the bolted connection. Hex nuts can be used with all kinds of bolts. Hexagon nuts and hexagon nuts are aliases for hexagon nuts. Hex nut sizes are defined as metric and imperial sizes with uniform national coarse pitch (UNC), fine pitch (UNF), fixed pitch (UN) and iso metric thread profiles. These are material categories and astm specifications produced in all countries. Browse the web for hex nut manufacturing processes, forming methods, available sizes, subtypes, thread types, metric and imperial size standards, weight charts, torque values, material classes, grades and astm specifications.

Product Specification of ANSI 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 D		M1.6	M2	M2.5	M3	M3.5	M4	M5	M6	M8
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
d_w	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 D		M10 ①	M10 ①	M12	M14	M16	M20	M24	M30	M36
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
d_w	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 funished, 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.