



Metric L Drawing

General Electric Company

L200

Issue No. S2
February 29, 2004

Metric Steel Hex Nut, Style 1

DESCRIPTION: (C2L100A1)

American National Standard
metric hex nut, Style 1. ♣

MATERIAL:

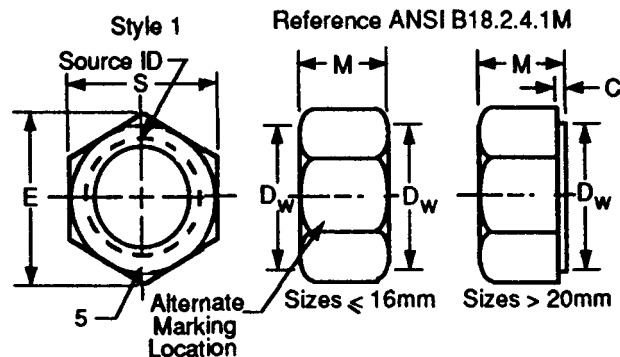
Low carbon steel, Property Class 5,
conforming to ASTM A563M.

SCREW THREADS:

Coarse threads.
(ISO) Tolerance Class 6H – unplated.

MARKINGS: (≥M5)

PC5 and registered source ID.



Note: All dimensions in millimeters (mm)

THREAD SIZE				M1.6	M2	M2.5	M3	M3.5	M4	M5	M6
♣♣	PITCH			0.35	0.4	0.45	0.5	0.6	0.7	0.8	1
F	C	Washer face thickness	max min	- -	- -	- -	- -	- -	- -	- -	- -
G	D _w	Bearing face dia	min	2.4	3.1	4.1	4.6	5.1	5.9	6.9	8.9
C	E	Width across corners	max min	3.70 3.41	4.62 4.32	5.77 5.45	6.35 6.01	6.93 6.58	8.08 7.66	9.24 8.79	11.55 11.05
E	M	Thickness	max min	1.30 1.05	1.60 1.35	2.00 1.75	2.40 2.15	2.80 2.55	3.20 2.90	4.70 4.40	5.20 4.90
B	S	Width across flats	max min	3.20 3.02	4.00 3.82	5.00 4.82	5.50 5.32	6.00 5.82	7.00 6.78	8.00 7.78	10.00 9.78
PART NUMBER				5	7	9	10	11	12	14	15

THREAD SIZE				M8	M10	M12	M14	M16	M20	M24	M30	M36
♣♣	PITCH			1.25	1.5	1.75	2	2	2.5	3	3.5	4
F	C	Washer face thickness	max min	- -	- -	- -	- -	- -	0.8 0.4	0.8 0.4	0.8 0.4	0.8 0.4
G	D _w	Bearing face dia	min	11.6	14.6	16.6	19.6	22.5	27.7	33.2	42.7	51.1
C	E	Width across corners	max min	15.01 14.38	18.45 17.77	20.28 20.03	24.25 23.36	27.71 26.75	34.64 32.95	41.57 39.55	53.12 50.85	63.51 60.79
E	M	Thickness	max min	6.80 6.44	8.40 8.04	10.80 10.37	12.80 12.10	14.80 14.10	18.00 16.90	21.50 20.20	25.60 24.30	31.00 29.40
B	S	Width across flats	max min	13.00 12.73	16.00 15.73	18.00 17.33	21.00 20.67	24.00 23.67	30.00 29.16	36.00 35.00	46.00 45.00	55.00 53.80
PART NUMBER				17	19	21	23	25	29	33	37	41

FINISH: Other finishes available,
tabulated on L9991 – Finish suffix chart.

PT NO. SUFFIX	DESCRIPTION	FINISH REFERENCE
None	Unplated	-
B32	0.005 zinc and blue dye	F70B1A
B33	0.005 zinc, blue dye and chromate coating	F70B5A

♦ PREFERRED SIZE

♣ Metric "Standards" cross reference
chart tabulated on L9992

♣♣ Previous "feature designations"
listed for convenience.

PART NUMBER EXAMPLE: L200P12B32 identifies a M4 x 0.7 mm low carbon steel hex nut, Style 1, zinc plated with blue dye.

This drawing and latest issue of the specification completely define the part.

SPECIFICATION	GENERAL ELECTRIC STANDARD	Drawing No.
C2L100	Nut Hex, Style 1	L200