



# 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. 4

### MATERIAL:

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

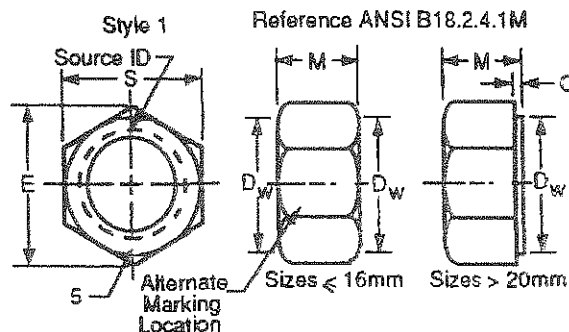
### SCREW THREADS:

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
4.4	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 <sub>w</sub>	Bearing face dia	min	2.4	3.1	4.1	4.6	5.1	5.9	6.9
C	E	Width across corners	max	3.70	4.62	5.77	6.35	6.93	8.08	9.24
			min	3.41	4.32	5.45	6.01	6.58	7.66	8.79
E	M	Thickness	max	1.30	1.60	2.00	2.40	2.80	3.20	4.70
			min	1.05	1.35	1.75	2.15	2.55	2.90	4.40
B	S	Width across flats	max	3.20	4.00	5.00	5.50	6.00	7.00	8.00
			min	3.02	3.82	4.82	5.32	5.82	6.78	7.78
PART NUMBER			5	7	9	10	11	12	14	15

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

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

PT NO.	DESCRIPTION	FINISH REFERENCE
SUFFIX		
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

\* Supersedes Issue of: July 31, 1991

CAGE IDENT NO. 4B138

Yer No	Sra No
4056	206