

Distribution Terminal Specifications

Discover Battery — VRLA

How this guide is organized

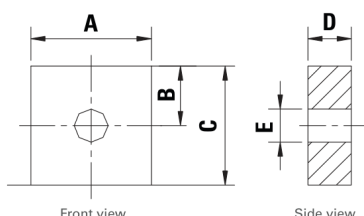
Each terminal carries two references. The **terminal type category** is the general reference, for example NB-M6. It names the terminal family and bolt size and appears on documentation, carton prints, labels, and paperwork. The **terminal type identifier** is the exact terminal, for example F6. It is listed in this guide and shown as terminal drawings on datasheets. The tables below group each terminal type identifier under its category. All dimensions are in millimeters (mm), and the letter columns (A–E) are the dimensions shown in the matching diagram.

Terminal type category	Terminal type identifier
General reference, for example NB-M6. Shown on documentation, carton prints, labels, and paperwork.	Exact terminal, for example F6. Listed in this guide and on datasheets.

1. Nut & Bolt Terminals (NB-Mx)

Threaded post terminals secured with a nut and bolt.

Category	Type	A	B	C	D	E	N·m	lbs·ft	Bolt
NB-M5	F30	12	4.8	11	2.0	5.5	4	3	M5
	F32	14	6.0	13.5	2.0	6.0	4	3	M5
	F4	14	5	14	2	6	4	3	M6
	F6	16.5	8	17	8	6	5	4	M6
	F7	17	7	16	6	6	4	3	M6
NB-M6	F34	17	7.0	17	6.0	6.5	4	3	M6
	F35	17	8.0	17	8.5	6.3	5	4	M6
	F9	25	12.5	25	9	7	11	8	M6
	F33	16	10	19	6.0	7.0	4	3	M6
	F5	20	7	18	3	8	11	8	M8
NB-M8	F19	25.4	8.5	25.4	3	8	7	5	M8
	F16	22	10	22	4	8.5	11	8	M8
	F39	26	8	19	8.0	8.4	11	8	M8
	F36	26	9.0	18	8.0	8.4	11	8	M8
	F37	25	10.5	22	7.2	8.6	11	8	M8
	F38	26	12	24.5	8.0	8.5	11	8	M8
	F40	26	8	18	8.5	8.4	11	8	M8
	F17	24	11.5	24	8	10	11	8	M8



Nut & bolt terminal — front and side views (A–E).



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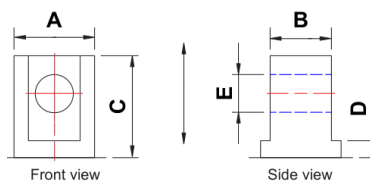


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UT Terminals (UT2)

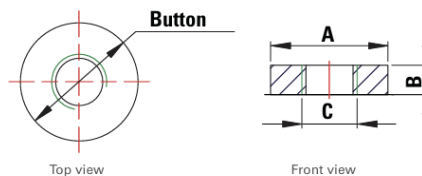
Type	A	B	C	D	E	N·m	lbs·ft
UT2	17	13	21.5	3.5	8	11	8



UT2 — front and side views (A–E).

3. Insert Terminals (Mx Insert)

Category	Type	A	B	C	N·m	lbs·ft
M5 Insert	F41	12	5	5	5	4
	F13	12	4	5	5	4
	F42	14	3	5	5	4
	F43	16	4	5	5	4
M6 Insert	F10A	20	2	6	8	6
	F11	14	4	6	8	6
	F18	18	3	6	8	6
	F21	16	4	6	8	6
	F44	13	3	6	8	6
	F45	15	2.5	6	8	6
	F46	15	5	6	8	6
	F47	16	5	6	8	6
	F48	18	2.5	6	8	6
	F49	18	5	6	8	6
	F10	20	2	8	16	12
	F10B	14	4	8	16	12
	F12	16	4	8	11	8
	F15	19	4	8	16	12
M8 Insert	F27	24	4	8	15	11
	F50	16	5	8	11	8
	F51	18	2.5	8	11	8
	F52	18	5	8	11	8
	F53	20	5	8	11	8
	F28	24	6	10	16	12



Insert terminal — top (button) and front views (A–C).



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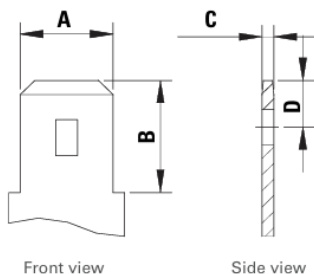


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4. Faston Tabs (F1, F2, FC)

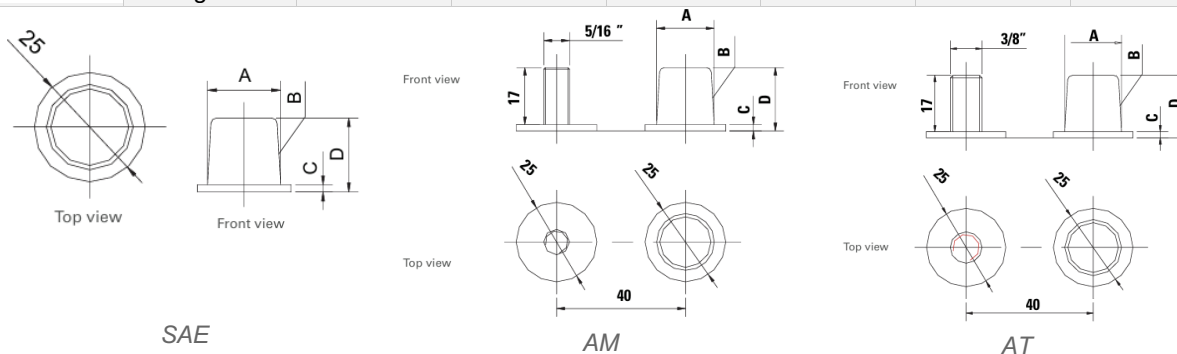
Type	A	B	C	D
F1	4.75	6.4	0.8	3.4
F2	6.35	7.8	0.8	4.0
FC	F2(+) with F1(-) — Faston combination			



Faston tab — front and side views (A–D).

5. Automotive and Dual Terminal (SAE / AM / AT)

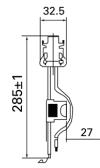
Type	Polarity	A	B	C	D	N·m	lbs·ft
SAE	Positive	19.5	1:9	2.0	20	8	6
	Negative	17.9	1:9	2.0	20	8	6
AM	Positive	19.5	1:9	2.0	20	13	9
	Negative	17.9	1:9	2.0	20	13	9
AT	Positive	19.5	1:9	2.0	20	14	10
	Negative	17.9	1:9	2.0	20	14	10



6. Wire Leads

Terminal Type	Diagram reference
TH	TH (T20)
TS	TS (T8)
T5	T5
T9	T9
T11	T11
T16	—
T21	—

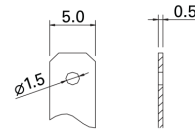
Terminal TH(T20)



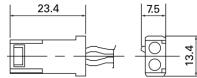
Terminal TS(T8)



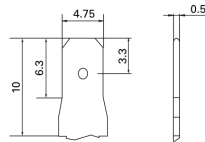
Terminal (T5)



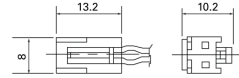
Terminal (T9)



Terminal (T11)



Terminal (T13)



Wire-lead terminal styles (dimensions in mm).



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