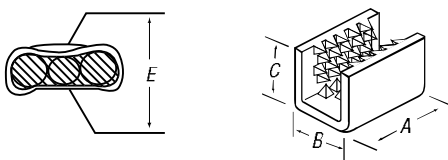


Dragon Tooth® Magnet Wire Termination System

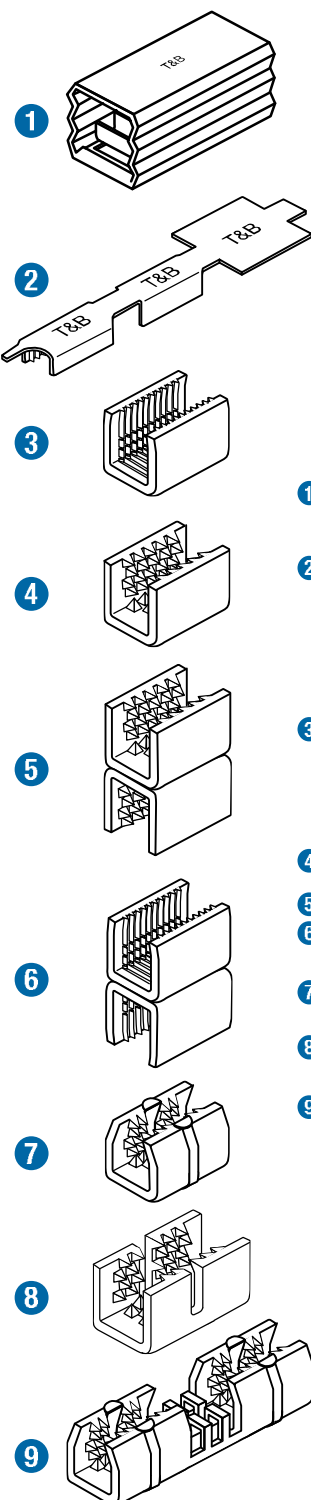
Splices for copper and aluminum magnet wire!

Splices

- Penetrate all standard copper and aluminum magnet wire insulations
- Perfect for heavy Formvar, poly-thermaleze, polyester and polyurethane insulations



For special insulations, consult Technical Services.



CAT. NO.	DIMENSIONS (IN.)				CIRCULAR MIL AREA	ROUND WIRE RANGE (AWG)		RECTANGULAR WIRE RANGE (IN.)		PKG. QTY.
	A	B	C	D*		MIN.	MAX.	THICKNESS	WIDTH	
1 214420	.43	.25	.22	.135	—	21 (4)	13 (2)	—	—	1000
220004	.17	.11	.08	.03	468–1,724	32–24**	—	—	—	8400†
2 220001	.34	.17	.14	.09	1,277–4,205	26–17**	—	.02–.04	.02–.09	3000†
220002-TB	.34	.25	.18	.09	2,985–6,687	24–14**	—	.02–.05	.02–.10	3000†
220006	.47	.25	.19	.09	5,162–12,330	16–12	—	.05–.08	.05–.16	2500†
22L004	.15	.11	.09	.03	128–2,028	32–24**	—	—	—	1000
22L001	.32	.16	.16	.10	808–5,162	26–17**	—	.02–.04	.02–.10	1000
22L002	.32	.25	.19	.10	2,048–9,110	24–15**	—	.02–.05	.02–.11	1000
3 22L006	.44	.25	.22	.13	2,580–12,330	16–12	—	.05–.08	.05–.16	1000
22L008	.70	.50	.35	.13	12,960–30,550	18–14	—	.04–.06	.06–.38	100
22L009	.70	.55	.46	.20	36,120–86,000	16–5	—	.08–.18	.08–.38	100
22L010	.70	.78	.71	.22	69,750–173,090 (f)	—	—	.10–.23 (CU) .10–.18 (AL)	.30–.63	50
4 210214S	.63	.38	.37	.17	4,110–20,760	14(a)–10	—	.08–.09	.08–.18	250
204210S	.69	.53	.53	.25	10,380–52,480	12(b)–4(e)	—	.10–.16	.10–.26	100
5 204210SH	.69	.53	1.05	.48	20,760–104,960	12(c)–2(d)	—	.10–.16	.10–.26	100
6 22L009H	.70	.55	.93	.37	72,000–132,000	16–5	—	.08–.18	.08–.38	100
220015	1.50	.88	.77	(e)	50,000–115,000	10–6	—	.100–.175	.300–.625	50
7 220019	1.50	.88	.85	(e)	110,000–175,000	6–2	—	.175–.250	.300–.625	25
220023	1.75	.88	.93	(e)	165,000–230,000	2–1/0	—	.250–.325	.300–.625	25
8 314118S	.63	.38	.30	.14	3,260–12,330	15–13	—	.05–.06	.05–.18	250
220016	3.13	.88	.77	(e)	50,000–115,000	10–6	—	.100–.175	.300–.625	25
9 220020	3.13	.88	.85	(e)	110,000–175,000	6–2	—	.175–.250	.300–.625	25
220024	3.63	.88	.93	(e)	165,000–230,000	2–1/0	—	.250–.325	.300–.625	25

* Reference dimension. See installing die illustration for gauging.

** Not recommended for aluminum magnet wire finer than 21 gauge. (a) Four wires max. (b) Six wires max. (c) Six wires max. each barrel.

(d) Conductors heavier than #6 AWG require special dies. Contact Thomas & Betts for assistance.

(e) Crimping dies may not bottom. Connector height will depend on number and size of wires in barrel. Pump must deliver 9800 psi minimum.

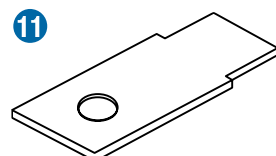
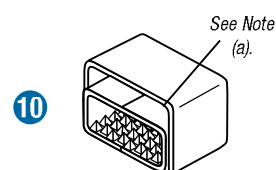
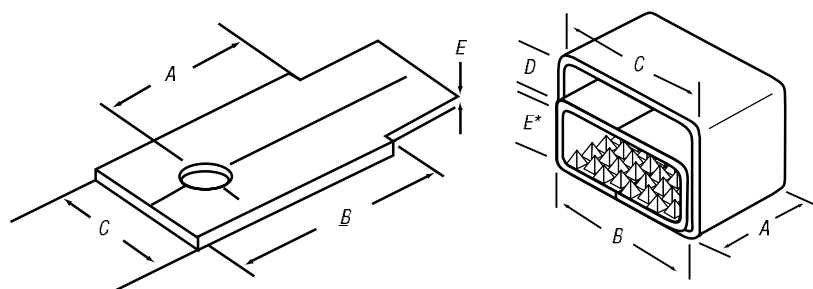
(f) Copper CMA=52,136–124,561.

† On a reel.

Note: Wire sizes and combinations shown have been tested to and meet or exceed Thomas & Betts specifications. Connectors may be suitable for other wire sizes or combinations. Thomas & Betts sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

Dragon Tooth® Magnet Wire Termination System

Splices (continued)

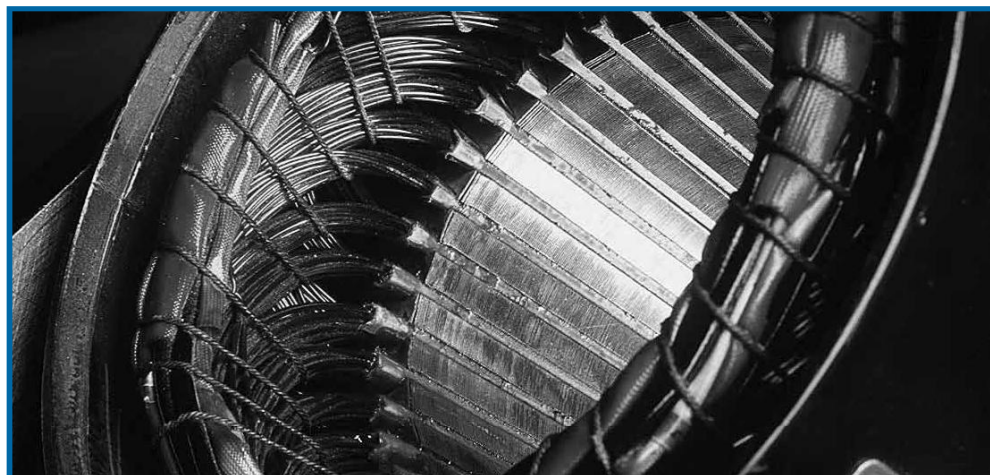


CAT. NO.	STUD SIZE	DIMENSIONS (IN.)					CIRCULAR MIL AREA	ROUND WIRE RANGE (AWG)	RECTANGULAR WIRE RANGE (IN.)		PKG. QTY.
		A	B	C	D	E			THICKNESS	WIDTH	
10 210214MT	—	.63	.63	.75	.25	.19*	20,000–105,000	5–13	Lower Half		250
									.08–.15	.08–.49	
									.25 max	.75 max.	
11 210MT14	¼	1.00	1.44	.81	—	.08		5–13	For Conn		25
11 210MT38	⅜	1.00	1.44	.81	—	.08		5–13	210214MT		25
10 204210MT	—	.92	.94	1.03	.25	.25*	90,000–215,000	3–10	Lower Half		100
									.10–.25	.10–.92	
									.25 max	1.03 max.	
11 204MT14	¼	1.00	1.44	.91	—	.10		3–10	For Conn		25
11 204MT38	⅜	1.00	1.44	.91	—	.10		3–10	204210MT		25

(a) This space may be used for terminal tongue insert, stripped stranded copper wire, stripped copper magnet wire or left empty.

* Between teeth.

Note: Wire sizes and combinations shown have been tested to and meet or exceed Thomas & Betts specifications. Connectors may be suitable for other wire sizes or combinations. Thomas & Betts sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

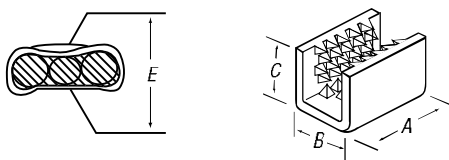


Dragon Tooth® Magnet Wire Termination System

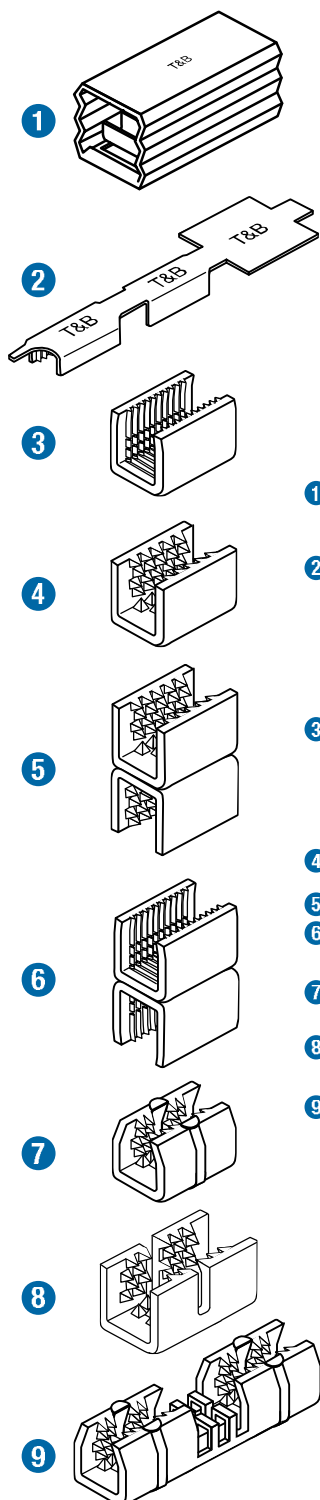
Splices for copper and aluminum magnet wire!

Splices

- Penetrate all standard copper and aluminum magnet wire insulations
- Perfect for heavy Formvar, poly-thermaleze, polyester and polyurethane insulations



For special insulations, consult Technical Services.



CAT. NO.	DIMENSIONS (IN.)				CIRCULAR MIL AREA	ROUND WIRE RANGE (AWG)		RECTANGULAR WIRE RANGE (IN.)		PKG. QTY.
	A	B	C	D*		MIN.	MAX.	THICKNESS	WIDTH	
1 214420	.43	.25	.22	.135	—	21 (4)	13 (2)	—	—	1000
220004	.17	.11	.08	.03	468–1,724	32	24**	—	—	8400†
2 220001	.34	.17	.14	.09	1,277–4,205	26	17**	.02–.04	.02–.09	3000†
220002-TB	.34	.25	.18	.09	2,985–6,687	24	14**	.02–.05	.02–.10	3000†
220006	.47	.25	.19	.09	5,162–12,330	16	12	.05–.08	.05–.16	2500†
22L004	.15	.11	.09	.03	128–2,028	32	24**	—	—	1000
22L001	.32	.16	.16	.10	808–5,162	26	17**	.02–.04	.02–.10	1000
22L002	.32	.25	.19	.10	2,048–9,110	24	15**	.02–.05	.02–.11	1000
3 22L006	.44	.25	.22	.13	2,580–12,330	16	12	.05–.08	.05–.16	1000
22L008	.70	.50	.35	.13	12,960–30,550	18	14	.04–.06	.06–.38	100
22L009	.70	.55	.46	.20	36,120–86,000	16	5	.08–.18	.08–.38	100
22L010	.70	.78	.71	.22	69,750–173,090 (f)	—	—	.10–.23 (CU) .10–.18 (AL)	.30–.63	50
4 210214S	.63	.38	.37	.17	4,110–20,760	14(a)	10	.08–.09	.08–.18	250
204210S	.69	.53	.53	.25	10,380–52,480	12(b)	4(e)	.10–.16	.10–.26	100
5 204210SH	.69	.53	1.05	.48	20,760–104,960	12(c)	2(d)	.10–.16	.10–.26	100
6 22L009H	.70	.55	.93	.37	72,000–132,000	16	5	.08–.18	.08–.38	100
220015	1.50	.88	.77	(e)	50,000–115,000	10	6	.100–.175	.300–.625	50
7 220019	1.50	.88	.85	(e)	110,000–175,000	6	2	.175–.250	.300–.625	25
220023	1.75	.88	.93	(e)	165,000–230,000	2	1/0	.250–.325	.300–.625	25
8 314118S	.63	.38	.30	.14	3,260–12,330	15	13	.05–.06	.05–.18	250
220016	3.13	.88	.77	(e)	50,000–115,000	10	6	.100–.175	.300–.625	25
9 220020	3.13	.88	.85	(e)	110,000–175,000	6	2	.175–.250	.300–.625	25
220024	3.63	.88	.93	(e)	165,000–230,000	2	1/0	.250–.325	.300–.625	25

* Reference dimension. See installing die illustration for gauging.

** Not recommended for aluminum magnet wire finer than 21 gauge. (a) Four wires max. (b) Six wires max. (c) Six wires max. each barrel.

(d) Conductors heavier than #6 AWG require special dies. Contact Thomas & Betts for assistance.

(e) Crimping dies may not bottom. Connector height will depend on number and size of wires in barrel. Pump must deliver 9800 psi minimum.

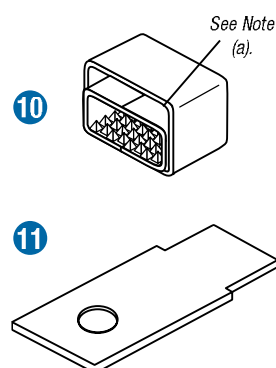
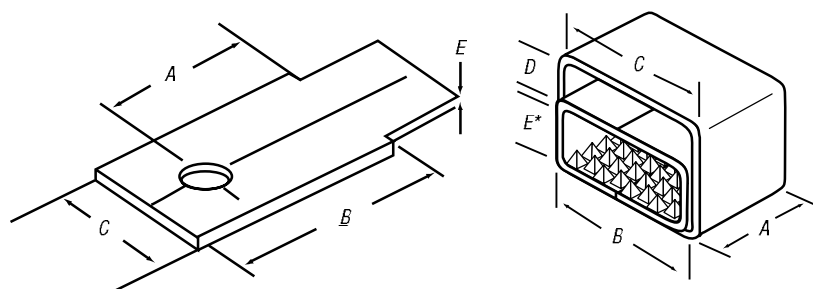
(f) Copper CMA=52,136–124,561.

† On a reel.

Note: Wire sizes and combinations shown have been tested to and meet or exceed Thomas & Betts specifications. Connectors may be suitable for other wire sizes or combinations. Thomas & Betts sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

Dragon Tooth® Magnet Wire Termination System

Splices (continued)



CAT. NO.	STUD SIZE	DIMENSIONS (IN.)					CIRCULAR MIL AREA	ROUND WIRE RANGE (AWG)	RECTANGULAR WIRE RANGE (IN.)		PKG. QTY.
		A	B	C	D	E			THICKNESS	WIDTH	
10 210214MT	—	.63	.63	.75	.25	.19*	20,000–105,000	5–13	Lower Half		250
									.08–.15	.08–.49	
									.25 max	.75 max.	
11 210MT14	¼	1.00	1.44	.81	—	.08		5–13	For Conn		25
11 210MT38	⅜	1.00	1.44	.81	—	.08		5–13	210214MT		25
10 204210MT	—	.92	.94	1.03	.25	.25*	90,000–215,000	3–10	Lower Half		100
									.10–.25	.10–.92	
									.25 max	1.03 max.	
11 204MT14	¼	1.00	1.44	.91	—	.10		3–10	For Conn		25
11 204MT38	⅜	1.00	1.44	.91	—	.10		3–10	204210MT		25

(a) This space may be used for terminal tongue insert, stripped stranded copper wire, stripped copper magnet wire or left empty.

* Between teeth.

Note: Wire sizes and combinations shown have been tested to and meet or exceed Thomas & Betts specifications. Connectors may be suitable for other wire sizes or combinations. Thomas & Betts sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.

