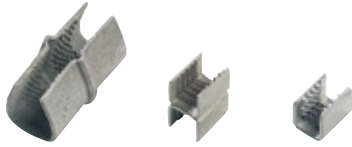


# Dragon Tooth® magnet wire termination system


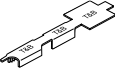







## Splices



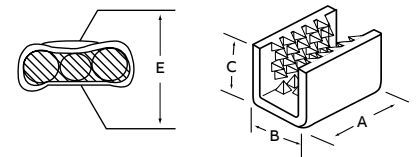
### Splices for copper and aluminum magnet wire!

- 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.

### Splices

	Cat. no.	Dimensions (in.)				Circular mil area	Round wire range (AWG) min.-max.	Rectangular wire range (in.)		Pkg. qty.
		A	B	C	D*			Thickness	Width	
1 	214420	0.43	0.25	0.22	0.135	–	21 (4)–13 (2)	–	–	1000
2 	220004	0.17	0.11	0.08	0.03	468–1,724	32–24**	–	–	8400†
	220001	0.34	0.17	0.14	0.09	1,277–4,205	26–17**	0.02–0.04	0.02–0.09	3000†
	220002–TB	0.34	0.25	0.18	0.09	2,985–6,687	24–14**	0.02–0.05	0.02–0.10	3000†
	220006	0.47	0.25	0.19	0.09	5,162–12,330	16–12	0.05–0.08	0.05–0.16	2500†
3 	22L004	0.15	0.11	0.09	0.03	128–2,028	32–24**	–	–	1000
	22L001	0.32	0.16	0.16	0.10	808–5,162	26–17**	0.02–0.04	0.02–0.10	1000
	22L002	0.32	0.25	0.19	0.10	2,048–9,110	24–15**	0.02–0.05	0.02–0.11	1000
	22L006	0.44	0.25	0.22	0.13	2,580–12,330	16–12	0.05–0.08	0.05–0.16	1000
	22L008	0.70	0.50	0.35	0.13	12,960–30,550	18–14	0.04–0.06	0.06–0.38	100
	22L009	0.70	0.55	0.46	0.20	36,120–86,000	16–5	0.08–0.18	0.08–0.38	100
	22L010	0.70	0.78	0.71	0.22	69,750–173,090 (f)	–	0.10–0.23 (Cu) 0.10–0.18 (Al)	0.30–0.63	50
4 	210214S	0.63	0.38	0.37	0.17	4,110–20,760	14(a)–10	0.08–0.09	0.08–0.18	250
	204210S	0.69	0.53	0.53	0.25	10,380–52,480	12(b)–4(e)	0.10–0.16	0.10–0.26	100
5 	204210SH	0.69	0.53	1.05	0.48	20,760–104,960	12(c)–2(d)	0.10–0.16	0.10–0.26	100
6 	22L009H	0.70	0.55	0.93	0.37	72,000–132,000	16–5	0.08–0.18	0.08–0.38	100
7 	220015	1.50	0.88	0.77	(e)	50,000–115,000	10–6	0.100–0.175	0.300–0.625	50
	220019	1.50	0.88	0.85	(e)	110,000–175,000	6–2	0.175–0.250	0.300–0.625	25
	220023	1.75	0.88	0.93	(e)	165,000–230,000	2–1/0	0.250–0.325	0.300–0.625	25
8 	314118S	0.63	0.38	0.30	0.14	3,260–12,330	15–13	0.05–0.06	0.05–0.18	250
9 	220016	3.13	0.88	0.77	(e)	50,000–115,000	10–6	0.100–0.175	0.300–0.625	25
	220020	3.13	0.88	0.85	(e)	110,000–175,000	6–2	0.175–0.250	0.300–0.625	25
	220024	3.63	0.88	0.93	(e)	165,000–230,000	2–1/0	0.250–0.325	0.300–0.625	25

### Diagrams



\* 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 ABB 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, aluminum CMA=52,136–124,561. † On a reel. Note: Wire sizes and combinations shown have been tested to and meet or exceed ABB specifications. Connectors may be suitable for other wire sizes or combinations. ABB sells these connectors with the understanding that the user will perform necessary tests to determine their suitability for the intended purpose.