

Parallel-groove connectors

PAE parallel-extruded type groove clamps



PAE parallel-extruded type groove clamps

- Galvanized steel hardware provides high strength for heavy-duty applications
- Install with live line tools you already have
- Dual-rated for aluminum-to-copper connections
- Prefilled with oxide inhibitor (“-9” suffix in chart) to prevent oxidation on copper-to-aluminum connections

Cat. no.	Conductor range (AWG or kcmil)		Conductor diameter				Fig.	Dimensions (in)							Galvanized aluminum	
			Main		Tap										Steel bolt thd. size	Bolt thd. size
	Main	Tap	Max.	Min.	Max.	Min.		H	W	L	F	B	A			
PAE-335-79	1/0 str.–#6 sol.	1/0 str.–#6 sol.	0.398	0.162	0.398	0.162	1	1 ¹ / ₁₆	1½	1¼	9 ¹ / ₁₆	–	–	¾–16 UNC	¾–16 UNC	
PAE-2121-9*	2/0 ACSR–#6 sol., #6 AR	2/0 ACSR–#6 sol., #6 AR	0.447	0.162	0.447	0.162	1	2	1 ⁵ / ₈	1 ³ / ₈	9 ¹ / ₁₆	7 ¹ / ₈	–	¾–16 UNC	¾–16 UNC	
PAE-2121X-79	2/0 ACSR–#6 sol., #6 AR	2/0 ACSR–#6 sol., #6 AR	0.447	0.162	0.447	0.162	1	2	1 ⁵ / ₈	1 ³ / ₈	9 ¹ / ₁₆	7 ¹ / ₈	–	–	¾–16 UNC	
PAE-4141-9*	4/0 ACSR–#2 sol., #4–#6 AR	4/0 ACSR–#2 sol., #4–#6 AR	0.563	0.258	0.563	0.258	1	2	2	1 ³ / ₈	9 ¹ / ₁₆	1 ¹ / ₈	–	¾–16 UNC	¾–16 UNC	
PAE-3921-9-2	397.5 ACSR–3/0 str., 2/0–#6 AR	2/0 str.–#6 sol., #6 AR	0.743	0.464	0.414	0.162	2	2 ⁹ / ₁₆	2¼	1 ⁵ / ₈	¾	1 ¹ / ₈	–	½–13 UNC	½–13 UNC	
PAE-9941-9	1000–397.5 ACSR, 336.4–2/0 AR	4/0 ACSR–#2 sol., #4–#6 AR	1.152	0.743	0.563	0.258	3	2 ¹³ / ₁₆	25 ⁵ / ₆₄	2¼	¾	–	–	½–13 UNC	½–13 UNC	
PAE-3931-9-2	397.5 ACSR–3/0 str., 2/0–#6 AR	3/0 ACSR–2 str., #6 AR	0.743	0.464	0.502	0.292	4	2 ⁹ / ₁₆	2 ⁵ / ₁₆	3 ³ / ₈	¾	–	1¾	½–13 UNC	½–13 UNC	
PAE-3939-9-2	397.5 ACSR–3/0 str., 2/0–#6 AR	397.5 ACSR–3/0 str., 2/0–#6 AR	0.743	0.464	0.743	0.464	5	2 ⁹ / ₁₆	2 ⁵ / ₁₆	3 ³ / ₈	¾	–	1 ⁷ / ₈	½–13 UNC	5 ⁸ / ₁₁ UNC	
PAE-9921-9	1000–397.5 ACSR, 336.4–2/0 AR	2/0 str.–#6 sol., #6 AR	1.152	0.743	0.414	0.162	3	2 ¹³ / ₁₆	2 ³ / ₁₆	2¼	¾	–	–	½–13 UNC	5 ⁸ / ₁₁ UNC	
PAE-9939-9	1000–397.5 ACSR, 336.4–2/0 AR	397.5 ACSR–3/0 str., 2/0–#6 AR	1.152	0.743	0.743	0.464	4	2 ¹³ / ₁₆	3 ⁷ / ₆₄	3½	¾	–	1½	½–13 UNC	5 ⁸ / ₁₁ UNC	
PAE-9999-9	1000–397.5 ACSR, 336.4–2/0 AR	1000–397.5 ACSR, 336.4–2/0 AR	1.152	0.743	1.152	0.743	6	2 ¹³ / ₁₆	3½	6	¾	–	2	½–13 UNC	5 ⁸ / ₁₁ UNC	

Diagrams

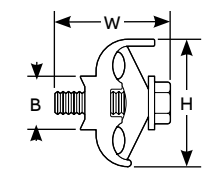


Fig. 1

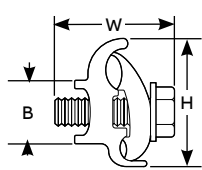


Fig. 2

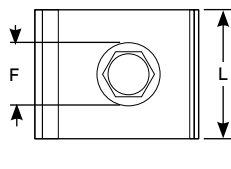
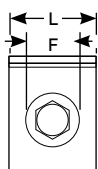


Fig. 3

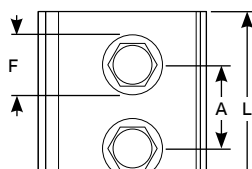


Fig. 4

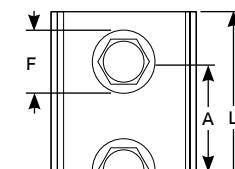


Fig. 5

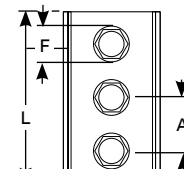


Fig. 6

* RUS accepted. AR = Over armor rod.

Note: For aluminum-hardware option, add “-7” suffix to the catalog number. For tin-plating option, add “-P” suffix to the catalog number.

For wax-dip option that provides oxide protection for aluminum-to-aluminum connections, add “-6” suffix to the catalog number.