

**DIAMOND GRIP  
Heat Resistant  
Ring Tongue Terminals**

**Temperature Rating,  
Material and Finish**

**Terminal Body** — Copper per  
ASTM B152

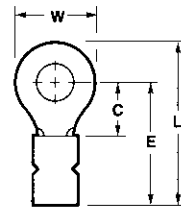
**Plating** — Nickel per QQ-N-290,  
650°F [343°C]

**Metallic Sleeve** — Nickel Silver per  
ASTM B122

**Related Product Data**

**Application Tooling** — pages 9022  
and 9023

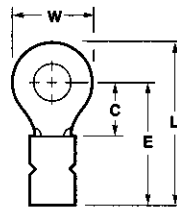
**Uninsulated Terminals and Splices (Continued)**



Wire Size Circular Mils [mm <sup>2</sup> ]	Tongue Material Thickness Max.	Stud Size	Dimensions				Wire Insulation Diameter Max.	Part Numbers	
			W	C Min.	E Max.	L Max.		Loose Piece	Tape Mounted
22-16 509-3,260 [0.26-1.65]	.033 0.84	4	.218	.156	.512	.624	.140	322363	—
			5.54	3.96	13.00	15.85	3.56		
		6	.218	.156	.530	.645	.110	323151	—
			5.54	3.96	13.46	16.38	2.79		
		M3.5	.281	.250	.611	.749	.140	323199	—
			7.14	6.35	15.52	19.02	3.56		
		8	.281	.250	.611	.749	.140	322365	—
			7.14	6.35	15.52	19.02	3.56		
		M4	.281	.250	.629	.770	.110	323152	—
			7.14	6.35	15.98	19.56	2.79		
		10	.281	.250	.611	.749	.140	322366	—
			7.14	6.35	15.52	19.02	3.56		
10	.281	.250	.629	.770	.110	323153	—		
	7.14	6.35	15.98	19.56	2.79				
16-14 2,050-5,180 [1.04-2.62]	.033 0.84	10	.343	.281	.637	.811	.170	322375	—
			8.71	7.14	16.18	20.60	4.32		
12-10 5,180-13,100 [2.62-6.64]	.042 1.07	10	.343	.281	.659	.836	.130	323161	—
			8.71	7.14	16.74	21.23	3.30		
6	.033 0.84	M3.5	.375	.302	.841	1.034	.230	323066	—
			9.53	7.67	21.36	26.26	5.84		
10	.042 1.07	10	.375	.302	.841	1.034	.230	323068	323068-1
			9.53	7.67	21.36	26.26	5.84		
1/4 M6	.033 0.84	10	.531	.468	1.002	1.273	.230	323069	—
			13.49	11.89	25.45	32.33	5.84		

**Note:** "C" dimension applies from edge of metal wire barrel to center of stud hole.

**DIAMOND GRIP  
High Temperature  
Ring Tongue Terminals**



**Temperature Rating and  
Material**

**Terminal Body** — See table, 1200°F  
[649°C], Nickel per ASTM B162,  
Alumel —, Chromel —

**Metallic Sleeve** — Nickel Silver per  
ASTM B122

**Related Product Data**

**Application Tooling** — pages 9021  
and 9022

Wire Size Circular Mils [mm <sup>2</sup> ]	Tongue Material Thickness Max.	Stud Size	Dimensions				Body Material	Sleeve Color Code	Wire Insulation Diameter Max.	Part Number Loose Piece
			W	C Min.	E Max.	L Max.				
22-16 509-3,260 [0.26-1.65]	.033 0.84	6 M3.5	.281	.250	.611	.749	Nickel	Orange	.140	321892
			7.14	6.35	15.52	19.02	3.56			
		8 M4	.281	.250	.611	.749	Nickel	Orange	.140	321893
			7.14	6.35	15.52	19.02	3.56			
		8 M4	.312	.281	.637	.796	Nickel	Orange	.140	321897
			7.92	7.14	16.18	20.22	3.56			
		10	.312	.281	.637	.796	Chromel	Gray	.140	1-321897-0
			7.92	7.14	16.18	20.22	3.56			
		10	.281	.250	.611	.749	Nickel	Orange	.140	321894
			7.14	6.35	15.52	19.02	3.56			
		10	.312	.281	.637	.796	Nickel	Orange	.140	321898
			7.92	7.14	16.18	20.22	3.56			
1/4 M6	.033 0.84	10	.312	.281	.637	.796	Alumel	Green	.140	1-321898-0
			7.92	7.14	16.18	20.22	3.56			
1/4 M6	.033 0.84	10	.468	.437	.793	1.031	Nickel	Orange	.140	322320
			11.89	11.10	20.14	26.19	3.56			

**Note:** "C" dimension applies from edge of metal wire barrel to center of stud hole.