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Thank you for purchasing our exclusive AMP Superseal 1.0 die set manufactured by Rennsteig.

This die set was designed for use with 16-24AWG M22759/32 and comparable wire, the tolerances may not be compatible with other wire types.

There are three separate part numbers for AMP Superseal 1.0 contacts dependent on the wire size. The resulting crimp height will be negatively affected by not following the table's terminal call out for said wire size, resulting in an insufficient termination and likely failure.

Please reference the table below for termination guidelines and crimp tensile strength data.

Race Spec™ Exclusive Die Set for AMP Superseal 1.0 Terminal					CRIMP TENSILE STRENGTH	
NOTE	WIRE SIZE	REQUIRED TERMINAL		DIE SLOT	REQUIRED	TESTED TO
	M22759/32-24	3-1447221-5	SMALL	24-22AWG	≥ 49.0N	56.5N
	M22759/32-22	3-1447221-5	SMALL	24-22AWG	≥ 49.0N	103N
<b>A</b>	M22759/32-22	3-1447221-4	MEDIUM	20AWG	≥ 88.2N	91N
	M22759/32-20	3-1447221-4	MEDIUM	20AWG	≥ 88.2N	142N
<b>B</b>	M22759/32-18	3-1447221-4	MEDIUM	18AWG	≥ 127.4N	187.5N
	M22759/32-18	3-1447221-3	LARGE	18AWG	≥ 127.4N	238.5N
	M22759/32-16	3-1447221-3	LARGE	16AWG	≥ 176.4N	195N

**NOTE A**

22AWG should be used with the 3-1447221-5 'Small' terminal whenever possible though as noted by the test data it may be used with the 3-1447221-4 'Medium' terminal with passable results.

**NOTE B**

18AWG should be used with the 3-1447221-3 'Large' terminal whenever possible though as noted by the test data it may be used with the 3-1447211-4 'Medium' terminal with passable results. This combination in particular has the potential to deform the contact and is strongly advised against.