TECHNICAL DATA SHEET - INTERACTIVE PDF

Terminals, ring, large

Non-Insulated, tubular

Sta-Kon®



Non-insulated, large tubular ring terminals for wire termination of copper conductors ranging from 8 AWG-250 kcmil

Certifications / Standards:

3-Part Specification: 26 05 83.11
Tools and Calculators

Features:
- Deep internal serrations maximize contact with wire to help ensure high pull-out values and low electrical resistance
- Long, chamfered barrel design helps eliminate wire hang-ups and maximizes crimp area
- Constructed of electrolytic copper with electro-tin plating for high conductivity
- Stamped from seamless copper tubing to help eliminate seam splitting.
- Complete wire and stud size identification on tongue
- Suitable for stranded copper for sizes #8-250 kcmil

Material / Finishes:
- Electrolytic copper with electro-tin plating

Comforms to:
- CSA
  - Only for RZ part numbers
  - Not applicable for RAX part numbers
- Mil Spec
  - MS20659 (see table for listed part numbers)
- RoHS (Restriction of Hazardous Substance)
  - European Directive 2011/65 and Commission Delegated Directive 2015/863

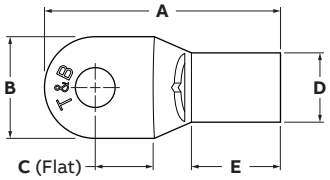
Table data:
- Military Spec part numbers

Military Spec part numbers

Product selection, Mil Spec and dimensions - inches

Base Part no.	Bulk Part no.	Base Qty	Bulk Qty	Mil Spec part no.	**Class I Crimp	Wire size range (AWG)	Strip length	Bolt hole size	A	B		C	D		E	Crimping tools
									Max	Min	Max	Min	Min	Max	Min	
D10161	—	200	—	MS20659-140	11781M	8/8AN	15/32"	#8	1.150	0.386	0.429	0.234	0.260	0.272	0.315	WT115A ERG4005 ERG4008 11803[1]
D10361	—	200	—	MS20659-107				#10	1.150	0.386	0.429	0.234	0.260	0.272	0.315	
D10711	—	200	—	MS20659-141				1/4"	1.219	0.435	0.478	0.265	0.260	0.272	0.315	
D10721	—	200	—	MS20659-108				5/16"	1.297	0.547	0.590	0.296	0.260	0.272	0.315	
D10731	—	200	—	MS20659-129				3/8"	1.297	0.547	0.590	0.328	0.260	0.272	0.315	
E10261	—	200	—	MS20659-130	11782M	6/6AN	15/32"	#10	1.312	0.460	0.503	0.238	0.295	0.316	0.375	WT115A ERG4005 ERG4008 11803[1]
E10711	—	200	—	MS20659-109				1/4"	1.312	0.460	0.503	0.265	0.295	0.316	0.375	
E10721	—	200	—	MS20659-131				5/16"	1.437	0.580	0.623	0.305	0.295	0.316	0.375	
E10731	—	200	—	MS20659-110				3/8"	1.437	0.580	0.623	0.328	0.295	0.316	0.375	
F10261	—	100	—	MS20659-144	11783M	4/4AN	1/2"	#10	1.400	0.480	0.628	0.276	0.365	0.380	0.437	WT115A ERG4008 11805[1]
F10711	—	100	—	MS20659-111				1/4"	1.400	0.480	0.628	0.276	0.365	0.380	0.437	
F10721	—	100	—	MS20659-132				5/16"	1.489	0.605	0.648	0.308	0.365	0.380	0.437	
F10731	—	100	—	MS20659-112				3/8"	1.489	0.605	0.648	0.328	0.365	0.380	0.437	
—	G926	—	100	MS20659-146	11784M	2/2AN	41/64"	#10	1.732	0.668	0.711	0.343	0.45	0.473	0.505	WT115A ERG4008 11806[1]
G2-14	G971	10	100	MS20659-113				1/4"	1.732	0.668	0.711	0.343	0.45	0.473	0.505	
G2-516	G972	10	100	MS20659-147				5/16"	1.732	0.668	0.711	0.343	0.45	0.473	0.505	
G2-38	G973	10	100	MS20659-114				3/8"	1.732	0.668	0.711	0.343	0.45	0.473	0.505	
G2-12	G975	10	100	MS20659-133				1/2"	1.895	0.74	0.804	0.453	0.45	0.473	0.505	
H10-14	H971	10	100	MS20659-115	11785M	1AN-1/0	43/64"	1/4"	1.845	0.74	0.783	0.383	0.505	0.527	0.565	ERG4008 11807[1]
—	H972	—	100	MS20659-149				5/16"	1.845	0.74	0.783	0.383	0.505	0.527	0.565	
—	H973	—	100	MS20659-116				3/8"	1.845	0.74	0.783	0.383	0.505	0.527	0.565	
—	H975	—	100	MS20659-134				1/2"	1.98	0.74	0.887	0.453	0.505	0.527	0.565	
—	J971	—	50	MS20659-117	11786M	1/0AN-2/0	47/64"	1/4"	2.045	0.81	0.853	0.418	0.558	0.578	0.63	11808[1]
—	J972	—	50	MS20659-151				5/16"	2.045	0.81	0.853	0.418	0.558	0.578	0.63	
J20-38	J973	10	50	MS20659-118				3/8"	2.045	0.81	0.853	0.418	0.558	0.578	0.63	
—	J974	—	50	MS20659-152				7/16"	2.092	0.86	0.903	0.453	0.558	0.578	0.63	
—	J975	—	50	MS20659-135				1/2"	2.092	0.86	0.903	0.453	0.558	0.578	0.63	
—	J976*	—	50	—	—			5/8"	1.982 (±0.04)	0.885 (±0.02)		0.545 (±0.01)	0.571 (±0.02)		0.691 (±0.02)	
—	K971	—	50	MS20659-153	11787M	2/0AN-3/0	55/64"	1/4"	2.32	0.913	0.956	0.473	0.62	0.64	0.70	11809[1]
—	K972	—	50	MS20659-119	11787M			5/16"	2.32	0.913	0.956	0.473	0.62	0.64	0.70	
K30-38	K973	5	50	MS20659-120	11787M			3/8"	2.32	0.913	0.956	0.473	0.62	0.64	0.70	
—	K974	—	50	MS20659-154	11787M			7/16"	2.32	0.913	0.956	0.473	0.62	0.64	0.70	
—	K975	—	50	MS20659-136	11787M			1/2"	2.32	0.913	0.956	0.473	0.62	0.64	0.70	
—	L971*	—	50	—	—	3/0AN-4/0	59/64"	1/4"	2.227 (±0.04)	1.025 (±0.02)		0.533 (±0.01)	0.704 (±0.02)		0.812 (±0.02)	11810[1]
—	L972	—	50	MS20659-155	11788M			5/16"	2.455	1.01	1.053	0.513	0.69	0.714	0.718	
L40-38	L973	5	50	MS20659-121	11788M			3/8"	2.455	1.01	1.053	0.513	0.69	0.714	0.718	
—	L974	—	50	MS20659-156	11788M			7/16"	2.455	1.01	1.053	0.513	0.69	0.714	0.718	
—	L975	—	50	MS20659-122	11788M			1/2"	2.455	1.01	1.053	0.513	0.69	0.714	0.718	
—	M972	—	50	MS20659-157	11789M	4/0AN-250 kcmil	59/64"	5/16"	2.755	1.095	1.148	0.56	0.76	0.784	0.734	11811[1]
M250-38	M973	5	50	MS20659-123	11789M			3/8"	2.755	1.095	1.148	0.56	0.76	0.784	0.734	
—	M974	—	50	MS20659-158	11789M			7/16"	2.755	1.095	1.148	0.56	0.76	0.784	0.734	
—	M975	—	50	MS20659-124	11789M			1/2"	2.755	1.095	1.148	0.56	0.76	0.784	0.734	

Note: Products must be installed in accordance with applicable national and local electrical codes.
*Not military listed
**For use in 13642M Crimping Tool, not UL listed.
[1] Die set compatible with TBM6S and 25000, requires 11802 Indentor Die



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