

INCH-POUND

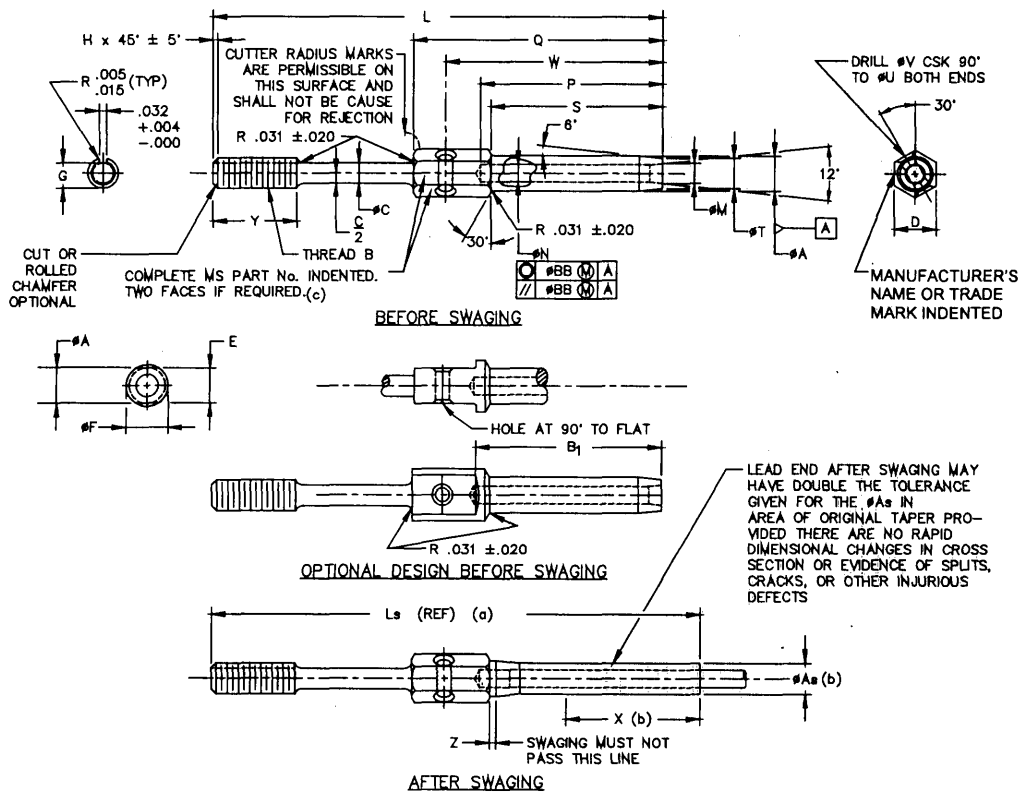
MS21260H
 15 August 1997
 MS21260G
 12 March 1979

MILITARY SPECIFICATION SHEET

TERMINAL, WIRE ROPE, STUD

This specification sheet is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and the issue of the following specification listed in that issue of the Department of Defense Index of Specifications and Standards (DoDISS) specified in the solicitation: MIL-DTL-781.



- (a) Reference dimensions are for design purposes only and are not an inspection requirement.
- (b) Swaged terminals shall conform to 'ØAs' for length 'X'.
- (c) For terminal sizes -2 thru -5 use basic part number only, example: MS21260.

(H) Entire document revised

MS21260H

MS PART NUMBER		NOM. CABLE DIA. REF	MIN. BREAKING STRENGTH LB (a)	THREAD B UN-3A UNF-3A	ØA	ØAs		B1	ØC	E	ØF	G		H	
DASH NUMBER (SIZE)	Is REF					ØA	ØAs					MIN	MAX	MIN	MAX
MS212602RH	3.491	3.67	480	No. 6-40	.160	.138	1.042	.092	.188	.156	.188	.1139	.1094	.031	
MS212602RH	2.616	2.79	920	No. 10-32	.218	.190	1.261	.133	.250	.187	.250	.1638	.1568		
MS212603RH	2.863	2.98	2000	1/4-28	.250	.219	1.511	.195	.313	.250	.313	.2224	.2152	.047	.015
MS212604RH	4.020	4.28	2800	5/16-24	.359	.250	1.761	.245	.375	.312	.375	.2830	.2754		
MS212605RH	3.145	3.40	4200	3/8-24	.427	.313	2.011	.306	.438	.375	.438	.3454	.3378		
MS212606RH	3.439	3.78	5600	7/16-20	.563	.438	2.261	.361	.625	.563	.625	.4052	.4072		
MS212607RH	4.914	5.21	7000	1/2-20	.635	.500	2.761	.406	.688	.625	.688	.4678	.4597		
MS212608RH	5.218	5.52	8000	9/16-18	.703	.563	3.011	.476	.750	.688	.750	.5285	.5201		
MS212609RH	5.542	5.90	14400	5/8-18	.781	.688	4.011	.538	.812	.750	.812	.5909	.5826	.063	.031
MS212610RH	3.439	3.78	17600	7/8-14	1.109	.750	4.698	.654	1.000	.875	1.000	.7137	.7050	.078	.048
MS212611RH	4.612	4.78	22800	1-12	1.359	.875	5.011	.768	1.125	1.000	1.125	.8558	.8266		
MS212612RH	3.737	3.90	35000	1 1/8-12	1.593	1.000	5.511	.893	1.438	1.125	1.438	.9608	.9516		
MS212613RH	4.914	5.21	49600	1 1/4-12	1.812	1.250	6.511	1.002	1.625	1.438	1.625	1.0819	1.0772	.094	.062
MS212614RH	5.218	5.52	66500	1 1/4-12	1.812	1.437	7.166	1.128	1.875	1.625	1.812	1.2069	1.1972		
MS212615RH	5.542	5.90	85400	1 1/4-12	1.812	1.625	8.229								

DASH NUMBER (SIZE)	L +/- .063	Is REF	ØM	ØN	P	Q	S	ØT	ØU	ØV	W +/- .016	X MIN	Y +/- .047	Z MIN	ØBB
L2	3.491	3.67	.090	.078	1.042	1.319	.969	.138	.094	.063	1.174	.70	.375		
S2	2.616	2.79	.119	.109	1.261	1.581	1.188	.190			1.411	.80	.500		
S3	2.863	2.98	.154	.141	1.511	1.863	1.438	.219			1.682	1.05	.563		
L4	4.020	4.28	.188	.172	1.761	2.157	1.688	.250			1.958	1.29	.625		
S4	3.145	3.40	.223	.203	2.011	2.257	1.938	.313			2.237	1.31	.750		
L6	4.612	4.78	.257	.234	2.261	2.757	2.188	.375			2.518	1.55	.875		
S6	3.737	3.90	.291	.265	2.511	3.061	2.438	.438			2.784	1.70	1.000		
-7	4.914	5.21	.326	.297	2.761	3.385	2.688	.500			3.076	1.89	1.000		
-8	5.218	5.52	.360	.328	3.011	3.718	2.938	.563			3.326	2.06			
-9	5.542	5.90	.430	.390	3.511	4.281	3.438	.625			3.828	3.12	1.125		
-10	5.875	6.30	.514	.468	4.011	4.812	3.938	.688			4.375	3.57	1.250		
-12	6.608	7.01	.584	.531	4.511	5.562	4.625	.750			5.093	4.31	1.500		
-14	7.468	7.94	.653	.594	5.011	6.000	4.938	.875			5.468	4.51	1.500		
-16	8.188	9.28	.722	.656	5.511	6.750	5.438	1.000			6.093	5.04	1.750		
-18	9.188	9.78	.860	.781	6.511	7.938	6.438	1.250			7.188	5.80	2.000		
-20	10.469	11.16	.860	.860	6.511	8.601	7.094	1.437			7.846	6.31	2.250		
-24	12.188	12.76	1.013	.921	8.229	9.844	8.156	1.625			9.000	7.26	2.250		
-28	14.624	15.53	1.151	1.046	8.229	8.229	8.229	1.625			9.000	7.26	2.250		

(a) To achieve the minimum breaking strength, for the terminal test only, a galvanized carbon steel wire rope shall be used.

MS21260H

REQUIREMENTS:

1. Material: Steel, corrosion resistant, steel 303Se (UNS S30323 or S30300) or 304 (UNS S30400).
2. Finish: Finish in accordance with MIL-DTL-781.
3. Threads: Threads in accordance with FED-STD-H28/20.
4. Swage in accordance with specification MIL-DTL-6117
5. Tolerance: Unless otherwise specified, tolerances: decimals $\pm .010$, angles $\pm 3^\circ$.

NOTES:

1. Dimension in inches.
2. Remove all burrs and sharp edges
3. Interpret drawing in accordance with ASME Y14.5M.
4. In the event of a conflict between the text of this document and the references cited herein the text of this document takes precedence.
5. Unless otherwise specified, issues of referenced documents are those in effect at the time of solicitation.
6. Interchangeability relationship: MS21260 parts can universally replace the canceled AN669 and NAS650 parts identified by the same dash number; but the canceled AN669 and NAS650 parts cannot replace the superseding MS21260 parts. MS21260 corrosion resistant steel parts can universally replace the canceled carbon and alloy steel parts identified by the same dash number.

MILITARY INTEREST

Custodians:

Army - AR
Navy - AS
Air Force - 99

Preparing Activity:
DLA-IS

(Project 4030-0278)

Review activities:

Army - ME
Navy - MC