

INCH-POUND

MS21260H

15 August 1997

MS21260G

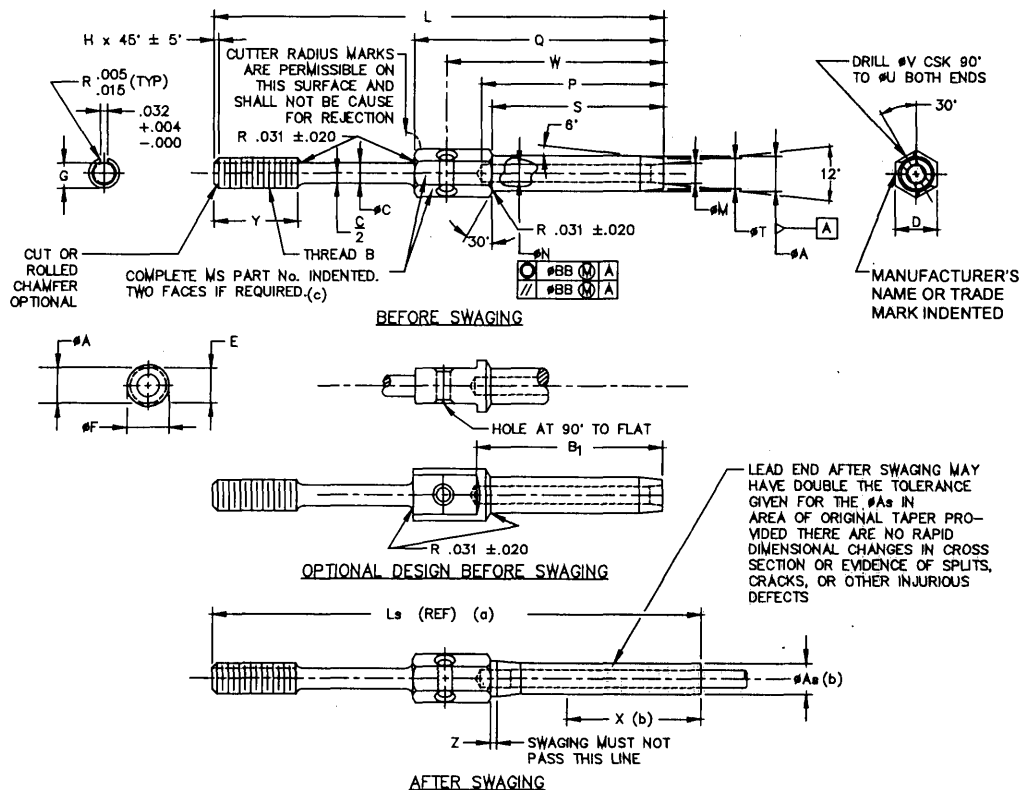
12 March 1979

## 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

AMSC N/A

FSC 4030

DISTRIBUTION STATEMENT A. Approved for public release; distribution is limited.

## MS21260H

MS PART NUMBER				NOM. CABLE DIA. REF	MIN. BREAKING STRENGTH LB (a)	THREAD B UN-3A UNF-3A	ØA	ØAs	B <sub>1</sub>	ØC + .006 - .000	D	E + .000 - .010	G		H		
CORROSION RESISTANT STEEL RH THREAD	LH THREAD	MAX	MIN										MAX	MIN			
MS21260L2RH	MS21260L2LH	.062	480	No. 6-40	.160	.138	1.042	.092	.188	.156	.188	.1094	.031				
MS21260S2RH	MS21260S2LH	.093	920	No. 10-32	.218												
MS21260L3RH	MS21260L3LH																
MS21260S3RH	MS21260S3LH					.219	1.511	.133	.250	.187	.250	.1638	.1568				
MS21260L4RH	MS21260L4LH	.125	2000		.250												
MS21260S4RH	MS21260S4LH			1/4-28	.297												
MS21260L5RH	MS21260L5LH	.156	2800			.250	- .005	.195	.313	.250	.313	.2224	.2152	.047	.015		
MS21260S5RH	MS21260S5LH																
MS21260L6RH	MS21260L6LH	.187	4200	5/16-24	.359												
MS21260S6RH	MS21260S6LH				+ .000 - .005	.313	2.011	.245	.375	.312	.375	.2830	.2754				
MS21260-7RH	MS21260-7LH	.218	5600	3/8-24													.427
MS21260-8RH	MS21260-8LH	.250	7000														.494
MS21260-9RH	MS21260-9LH	.312	8000	7/16-20	.563	.500	2.761	.361	.625	.563	.625	.4052	.4072				
MS21260-10RH	MS21260-10LH	.381	9800	1/2-20	.635												
MS21260-12RH	MS21260-12LH	.375	14400	9/16-18	.703												
MS21260-14RH	MS21260-14LH	.437	17600	5/8-18	.781	.688	4.011	.476	.750	.688	.750	.5285	.5201				
MS21260-16LH	MS21260-16LH	.500	22800	5/8-18	.844												
MS21260-18RH	MS21260-18LH	.562	28500	3/4-16	.984												
MS21260-20RH	MS21260-20LH	.625	35000	7/8-14	1.109	.875	- .009	.875	1.000	.875	1.000	.7137	.7050				
MS21260-24LH	MS21260-24LH	.750	49600	1-12	1.359												
MS21260-28RH	MS21260-28LH	.875	65500	1 1/8-12	1.593												
MS21260-32RH	MS21260-32LH	1.000	85400	1 1/4-12	1.812	.1.625	8.229	1.128	1.875	1.625	1.812	1.2069	1.1972				
MS21260-36RH	MS21260-36LH																
MS21260-40RH	MS21260-40LH																

DASH NUMBER (SIZE)	L +/- .063	Is REF	Q <sub>M</sub>	Q <sub>N</sub>	P	Q + .031 - .016	S + .062 - .000	Q <sub>T</sub>	Q <sub>U</sub>	Q <sub>V</sub> + .005 - .000	W +/- .016	X MIN	Y +/- .047	Z MIN	Q <sub>BB</sub>
L2	3.491	3.67	.090	.078	1.042	1.319	.969	.138	.094	.063	1.174	.70	.375		
S2	2.616	2.79				1.581	1.188	.190			1.411	.80	.500		
L3	3.738	3.86	.119	.109	1.261	1.863	1.438	.219			1.682	1.05	.563		
S3	2.863	2.98				2.157	1.688	.250			1.958	1.29	.625		
L4	4.020	4.28	.154	.141	1.511	2.257	1.938	.313			2.237	1.31	.750	.03	.008 (.016 FIM)
S4	3.145	3.40				2.757	2.188	.375			2.518	1.55	.875		
L5	4.314	4.66	.188	.172	1.761	3.061	2.438	.438	.125		2.784	1.70			
S5	3.439	3.78				3.385	2.688	.500			3.076	1.89	1.000		
L6	4.612	4.78	.223	.203	2.011	3.718	2.938	.563			3.326	2.06			
S6	3.737	3.90				4.281	3.438	.625			3.828	3.12	1.125		.010
-7	4.914	5.21	.257	.234	2.261	4.812	3.938	.688			4.375	3.57	1.250		(.020 FIM)
-8	5.218	5.52	.291	.265	2.511	5.562	4.625	.750			5.093	4.31			
-9	5.542	5.90	.326	.297	2.761	6.000	4.938	.875			5.468	4.51	1.500		.015
-10	5.875	6.30	.360	.328	3.011	6.750	5.438	1.000	.188	.125	6.093	5.04	1.750		(.030 FIM)
-12	6.608	7.01	.430	.390	3.511	7.938	6.438	1.250			7.188	5.80	2.000		.020
-14	7.468	7.94	.514	.468	4.011	8.601	7.094	1.437			7.846	6.31			(.040 FIM)
-16	8.718	9.28	.584	.531	4.698	9.844	8.156	1.625			9.000	7.26	2.250		
-18	9.188	9.78	.653	.594	5.011										
-20	10.469	11.16	.722	.656	5.511										
-24	12.188	12.76	.860	.781	6.511										
-28	12.851	13.61	1.013	.921	7.166										
-32	14.624	15.53	1.151	1.046	8.229										

## 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