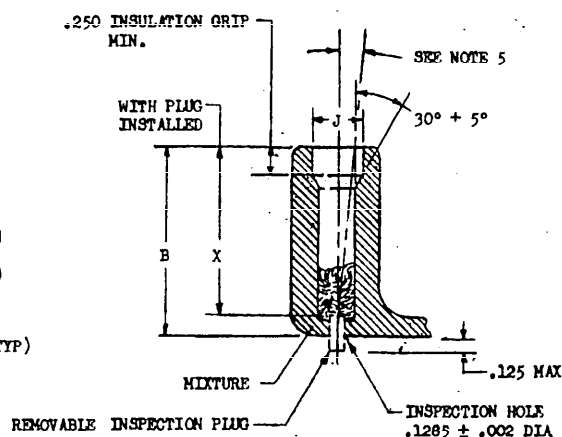
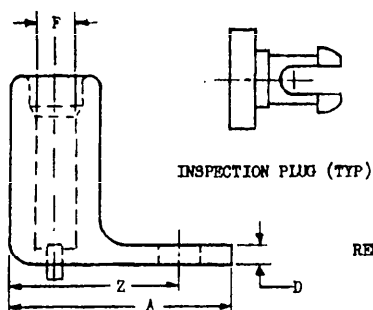
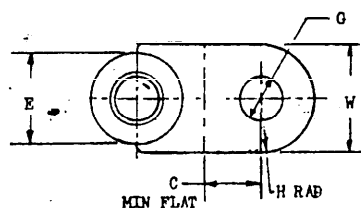


FED. SUP. CLASS
5940

DASH NO.	CABLE SIZE	STUD SIZE	A ±.032	B ±.025	C ±.020	D ±.015	E ±.020	F ±.003	G DIA		H ±.008	J DIA ±.010	W ±.016	Z ±.021	X ±.020			
									MAX	MIN								
-1	8	NO. 10	1.191	1.067	.372	.096	.355	.167	.203	.193	.344	.250	.688	.847	.880			
-2		1/4			.285				.260									
-3		5/16	1.113		.466				.343	.320						.437		
-4		3/8			.410				.385									
-5	6	NO. 10	1.245	1.192	.372	.112	.413	.219	.203	.193	.344	.313	.688	.901	1.005			
-6		1/4			.285				.260									
-7		5/16	1.471		.466				.343	.320						.437		
-8		3/8			.410				.385									
-9	4	NO. 10	1.347	1.317	.372	.128	.510	.273	.203	.193	.344	.375	.688	1.003	1.130			
-10		1/4			.285				.260									
-11		5/16	1.568		.466				.343	.320						.437		
-12		3/8			.410				.385									
-13	2	1/4	1.660	1.158	.622	.143	.601	.342	.285	.260	.437	.469	.875	1.223	1.271			
-14		5/16								.343						.320		
-15		3/8								.410						.385		
-16		1/2							1.971	.535						.510	.593	
-17	1	1/4	1.693	1.520	.466	.159	.699	.425	.285	.260	.437	.516	.875	1.256	1.333			
-18		5/16			.343				.320									
-19		3/8			.410				.385									
-20		1/2	2.003		.535				.510	.593								
-21	0	1/4	1.719	1.520	.466	.159	.699	.425	.285	.260	.437	.563	.875	1.282	1.333			
-22		5/16			.343				.320									
-23		3/8			.410				.385									
-24		1/2	2.069		.535				.510	.593								
-25	00	5/16	1.848	1.582	.466	.190	.789	.485	.343	.320	.437	.625	.875	1.411	1.395			
-26		3/8			.410				.385									
-27		1/2	2.160		.535				.510	.593								
-28		000	3/8		2.013				1.645	.551						.190	.836	.547
-29	0000	1/2	2.207	1.801	.622	.206	.947	.594	.535	.510	.593		1.187	1.611	1.611			
-30		3/8	2.132		.551				.190	.836	.547	.410	.385	.500		.766	1.000	1.612
-31		1/2	2.316		.622				.206	.947	.594	.535	.510	.593			1.187	1.723

NOTES:

- MATERIAL: WROUGHT ALUMINUM, MINIMUM CONDUCTIVITY 57% IACS.
- TONGUE HARDNESS
MAXIMUM ROCKWELL H-95
MINIMUM ROCKWELL H-65
BARREL HARDNESS
MAXIMUM ROCKWELL H-35
- TONGUE SURFACES PARALLEL WITHIN .005 INCHES. TONGUE SURFACE FINISH TO BE 63 MICROINCHES MAXIMUM BEFORE PLATING.
- TERMINAL SHALL BE OF ONE PIECE CONSTRUCTION.
- A MAXIMUM OF 5° PERMITTED IN UNCRIMPED TERMINALS. AFTER CRIMPING, THE CENTER LINE OF THE BARREL SHALL BE PARALLEL WITHIN ±1° WITH THE FLAT OF THE TONGUE.
- FINISH: TIN PLATE - ELECTRODEPOSITED .0003 INCH MINIMUM.
- DIMENSIONS IN INCHES.

FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.

P.A.
Navy-WEP
Other Cust
USAF-11
ARMY-EL

TITLE

TERMINAL-LUG, CRIMP STYLE, 90° UPRIGHT TYPE, FOR
ALUMINUM AIRCRAFT WIRE, CLASS 1

MILITARY STANDARD

MS25436

PROCUREMENT SPECIFICATION
MIL-T-7099

SUPERSEDES:

SHEET 1 OF 1

User: None
Reviewer: USAF - 11, 85
Navy - 11, 85
Army - 11, 85

This military standard is approved by the Department of Defense and is mandatory on all activities. Selection for all new engineering and design applications and for repetitive use shall be made from this document.

APPROVED 25 Jan 60
REVISED 15 May 64

