

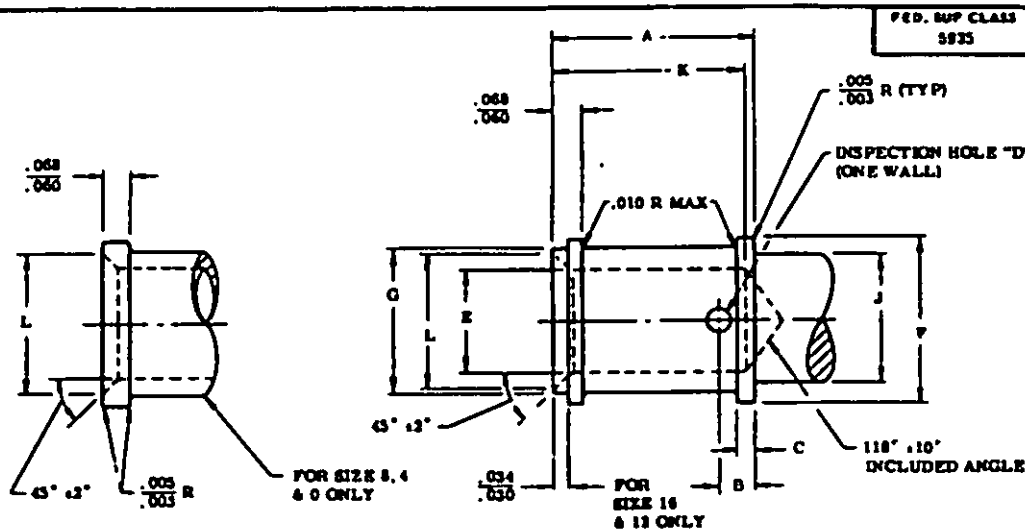
RECEIVED APR 2 1968

USE SYMBOLS:  
NAVY-MC  
AF-19

REVIEWER SYMBOLS:  
ARMY-MD, MZ, MU, EL  
NAVY-ER, AS  
AF-11, 13, 17

"Exact/new information is current as of the date of this document.  
For future coordination of changes to this document, draft accumulation  
should be based on the information in the current 000155."

This military standard is approved by the Department of Defense  
and is mandatory for use by all Departments & Agencies of the  
Department of Defense. Selection for all new engineering and  
design applications and for replacement use shall be made  
from this document.



TYPE "B"

BARREL SIZE	WIRE RANGE	A	B	C	D DIA	E DIA	F DIA	G DIA	J DIA MAX	K	L DIA
16	16-18-20	.343 .341	.078 .073	.048 .044	.042 .038	.068 .066	.148 .144	.105 .101	.123	.328 .297	.090 .080
12	12-14	.343 .341	.078 .073	.048 .044	.042 .038	.102 .098	.202 .198	.153 .147	.171	.328 .297	.125 .115
8	8	.320 .310	.094 .084	.048 .044	.068 .060	.184 .179	.313 .303	.209 .263	.257	.534 .480	.230 .220
4	4	.320 .310	.094 .084	.048 .044	.068 .060	.288 .279	.419 .415	.380 .370	.376	.534 .480	.364 .354
0	0	.675 .665	.094 .084	.048 .044	.068 .060	.458 .451	.611 .607	.568 .558	.548	.690 .638	.542 .532

APPROVED 1 JUNE 1960 REVISED 7 FOR CHANGES SEE SHEET 1

P.A. NAVY - AS Other Comd ARMY - EL AF-11	TITLE CONTACT WIRE BARREL, CRIMP TYPE	MILITARY STANDARD MS3190
PROCUREMENT SPECIFICATION NONE	SUPERSEDES	SHEET 2

DD FORM 672-1 (Continued)

PREPARED OFFICE OF THE JUDGE ADVOCATE GENERAL

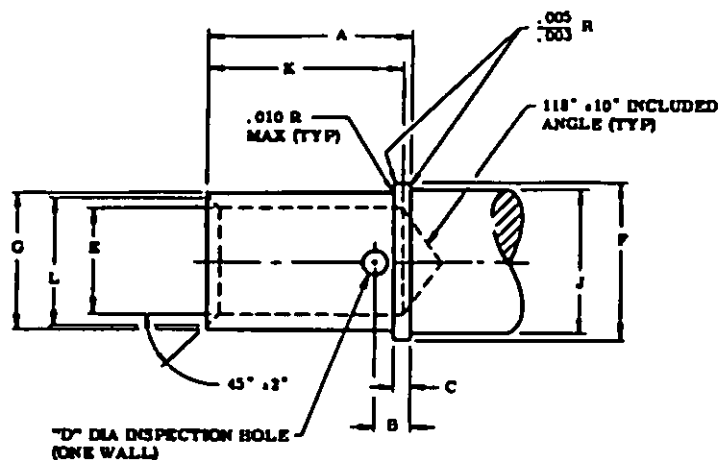
PLATE NO. 11329

USED SYMBOLS:  
NAVY-MC  
AF-10

REVISED SYMBOLS:  
ARMY-MI, ME, MU, EL  
NAVY-GR, AS  
AF-11, B, 17

\*Positive/negative information is correct as of the date of this document.  
For future consideration of changes to this document, their consideration  
should be based on the information in the current document.

This military standard is approved by the Department of Defense  
and is mandatory for use by all Departments & Agencies of the  
Department of Defense. Solicitation for different engineering and  
design specifications and for reporting was sent to all  
from this document.



TYPE "C"

BARREL SIZE	WIRE RANGE	A	B	C	D DIA	E DIA	F DIA	G DIA	J DIA MAX	K	L DIA
20	20-22-24	.298 .294	.063 .057	.033 .029	.032 .028	.050 .048	.106 .088	.078 .076	.082	.270 .250	.064 .060
16	16-18-20	.298 .294	.079 .073	.048 .044	.042 .038	.068 .066	.148 .133	.105 .101	.123	.281 .250	.080 .060
12	12-14	.298 .294	.079 .073	.048 .044	.042 .038	.102 .088	.202 .189	.153 .147	.171	.281 .250	.125 .115
8	8	.520 .510	.084 .084	.048 .044	.068 .060	.184 .179	.313 .309	.269 .263	.257	.534 .480	.230 .220
4	4	.520 .510	.084 .084	.048 .044	.068 .060	.288 .279	.419 .408	.380 .370	.376	.534 .480	.384 .354
0	0	.675 .665	.094 .084	.048 .044	.068 .060	.458 .451	.811 .801	.568 .558	.548	.690 .636	.542 .532

P.A. NAVY - AS  
Other Code  
ARMY - EL  
AF-11

TITLE

CONTACT WIRE BARREL,  
CRIMP TYPE

MILITARY STANDARD

MS3190

PROCUREMENT SPECIFICATION  
NONE

SUPERSEDES

SHEET 3

DD FORM 672-1 (Coordinated)

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PLATE NO. 11229