

ACCEPTABLE DESIGNS

(B) TABLE 1 A Wire B INSIDE C Shank E OVERALL

LENGTH

±.06

2.06

1.56

2.32

1.12

.97

.81

.69

. 50

50

EYE, REGULAR SHANK

THREAD

LENGTH 1.12

1.75

1.19

1.06

.88

.75

.62

. 53

. 44

. 31

LENGTH

3.68

2.94

2.62

2.25

1.94

1.62

1.38

1.19

±.12

E 1		<b>O</b>				
DASH NO.		A	В	С	D	E
STEEL	BRASS	WIRE DIA ±.005	INSIDE DIA ±.03	SHANK LENGTH ±.06	THREAD LENGTH ±.12	OVERALL LENGTH ±.12
		SMALL :	EYE, REC	ULAR SHA	NK	
534	634	.225	. 30	1.12	.88	1.94
536	636	.192	.27	.97	.75	1.62
538	638	.162	.23	,81	.62	1.38
540	640	.135	.22	.69	.53	1.19
542	642	.105	.19	. 58	.44	.94
544	644	.080	.16	.50	.31	.81
546	646	.062	.14	.44	. 31	.69
		SMALL	EYE, SHO	ORT SHAN	<u></u>	<del>'</del>
550	650	.080	.16	. 39	.22	69
552	652	.062	.14	. 22	.19	. 50

(A)

FED. SUP CLASS 5305

1974

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REVISED

1955

APPROVED

NOTES:

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15, AS,

REVIEWER: USER:

DASH NO.

BRASS

607

609

611

613

615

617

STEEL

501

503

505

507

509

511

513

515

517

DIA

±.005

LARGE

. 362

. 306

. 262

. 225

.192

.162

.135

.105

.080

DIA

1,12

.81

. 72

.61

. 53

.47

.41

. 38

. 34

1.03

- (B) 1. Carbon steel wire in accordance with Fed. Std. No. 66, AISI 1013 thru 1022. Brass wire in accordance with QQ-W-321, alloy no. 260 or 270, half-hard.
  - PROTECTIVE COATING: Steel - Cadmium plated in accordance with QQ-P-416, Type II, Brass - Black chemical finish in accordance with MIL-F-495.
  - 3. THREADS: The threads shall have a wood-screw form, in accordance with the procurement specification.
  - DIMENSIONS: All dimensions are in inches.
  - The MS part number consists of the MS number, plus the dash number. Example: MS35646-501.
  - Referenced documents shall be of the issue in effect on date of invitations for bid.
  - For design feature purposes, this standard takes precedence over procurement documents referenced herein.
  - Wire diameters conform to American Steel Wire Gage.

(B) FOR CHANGES SEE SHEET 1. V.C TITLE MILITARY STANDARD Crher Cust 82 SCREW, EYE - STEEL OR BRASS PROCUREMENT SPECIFICATION SUPERSEDES SCBX 3 SHEET FF-S-88 OF

I Departments and Agencies new engineering and design of from this document. yall all n made This military standard is approved for use by of the Department of Defense. Selection for a applications and for repetitive use shall be m

FED. SUP CLASS 5305

SHEET 1.

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APPROVED 29 AUG 1955

## TABLE II INTERCHANGEABILITY

The following dash numbers as given in the original issue of this standard are canceled after 30 December 1965. The canceled acrew eyes should be used for maintenance purposes until existing stock is depleted. Use only the superseding screw eyes for new design.

ſ	FART NUMBER		PART NUMBER		PART NUMBER		PART NUMBER	
ا ج	CANCELED	SUPERSEDING	CANCELED	SUPERSEDING	CANCELED	SUPERSEDING	CANCELED	SUPERSEDING
۶	MS35646	MS35646	MS35646	M\$35646	.NS35646	MS35646	MS35646	MS35646
꽃	1	501	34	534	107	607	138	638
~1	3	503	36	536	109	609	140	640
~	5	505	38	538	111	611	142	642
-1	7	] 507 J	40	540	113	613	144	644
2.5	9	509	42	542	115	615	146	646
. S.	11	511	44	544	117	617	150	650
	13	513	46	546	134	634	152 .	652
اید:	15	515	50	550	136	636	ľ	,
USER:	17	517	52	552	l l	ľ	1	1 .
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Canceled dash numbers 1 thru 52 are cadmium or zinc plated steel.

Canceled dash numbers 107 thru 152 are uncoated brass.

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

P.A. WC Other Cost 82	TITLE	MILITARY STANDARD		
02	SCREW, EYE - STEEL OR BRASS	MS 35646		
PROCUREMENT SPECIFICATION FF-S-88	SUPERSECULAR SCRIA	SHEET 2 OF 2		

STANDARDIZATION DOCUMENT IMPROV	No. 22-R255				
INSTRUCTIONS: The purpose of this form is to solicit beneficial comments which will help achieve procurement of suitable products at reasonable cost and minimum delay, or will otherwise enhance use of the document. DoD contractors, government activities, or manufacturers/vendors who are prospective suppliers of the product are invited to submit comments to the government. Fold on lines on reverse side, staple in corner, and send to preparing activity. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements. Attach any pertinent data which may be of use in improving this document. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity.					
DOCUMENT IDENTIFIER AND TITLE MS35646 Rev	B, Screw, Eye	- Steel or Brass			
NAME OF ORGANIZATION AND ADDRESS	CONTRACT NUMBER				
	MATERIAL PROCURE	D UNDER A			
	DIRECT GOVERN	MENT CONTRACT SUBCONTRACT			
1. HAS ANY PART OF THE DOCUMENT CREATED PROBLUSE!	LEMS OR REQUIRED I	NTERPRETATION IN PROCUREMENT			
A. GIVE PARAGRAPH NUMBER AND WORDING.					
•					
		•			
B. RECOMMENDATIONS FOR CORRECTING THE DEFI	CIENCIES	•			
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2. COMMENTS ON ANY DOCUMENT REQUIREMENT CONS	IDERED TOO RIGID				
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3. IS THE DOCUMENT RESTRICTIVE!	<del></del>				
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4. REMARKS					
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SUBMITTED BY (Printed or typed name and address - Option	rel)	TELEPHONE NO.			
		DATE			

DD | FORM 1426

REPLACES EDITION OF 1 JAN 66 WHICH MAY BE USED