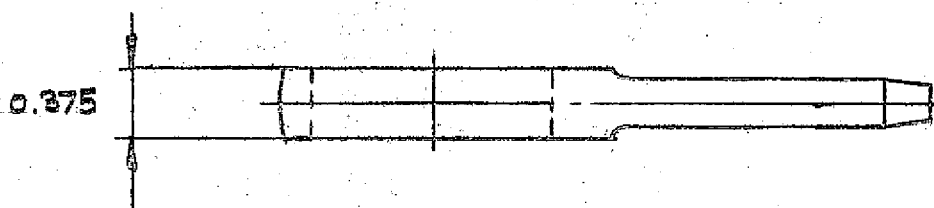
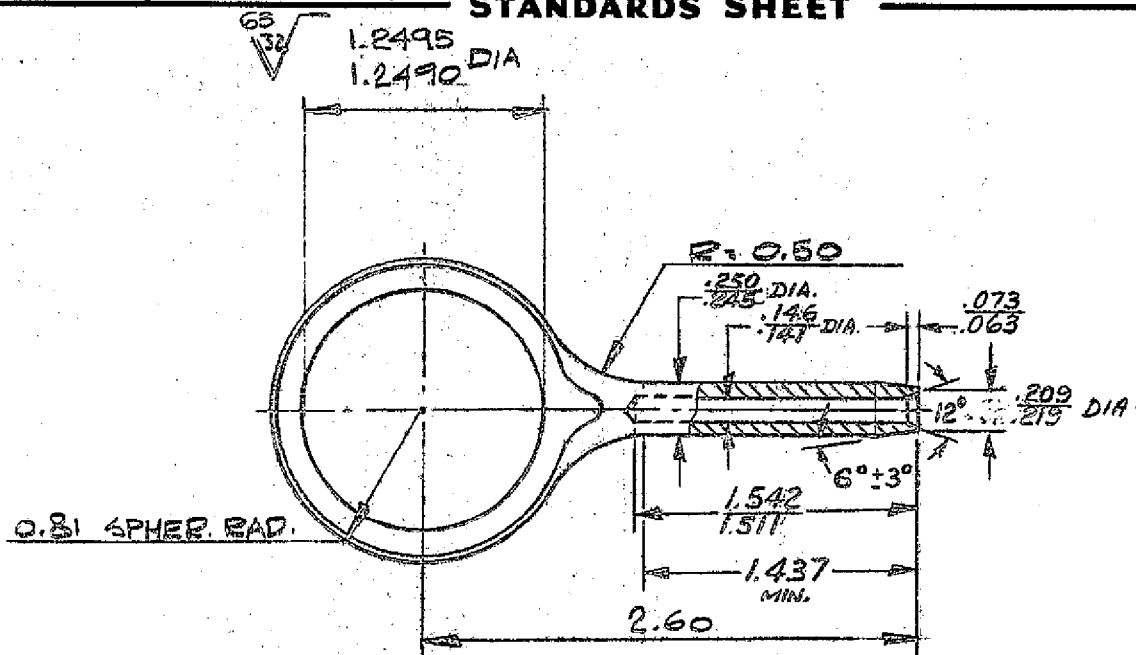


STANDARDS SHEET



REPLACED BY CSP 199

NOTE

REMOVE ALL SHARP EDGES

MATERIAL

CORROSION RESISTANT STEEL

SPEC. MIL-6-7720 COND B 303 S

CABLE SIZE 1/8 NOMINAL

DRAWN	HOPPEN	CLASSIFICATION	STANDARD
CHECKED		SWAGED TYPE BALL BEARING END	CSP 162
STRESSED	11		
APPROVED	10/11		

FMC 71867

162

REPLACED BY CS-199 IN LUN OF CS-1651

10-2-61



2

29-6

27-

27

124

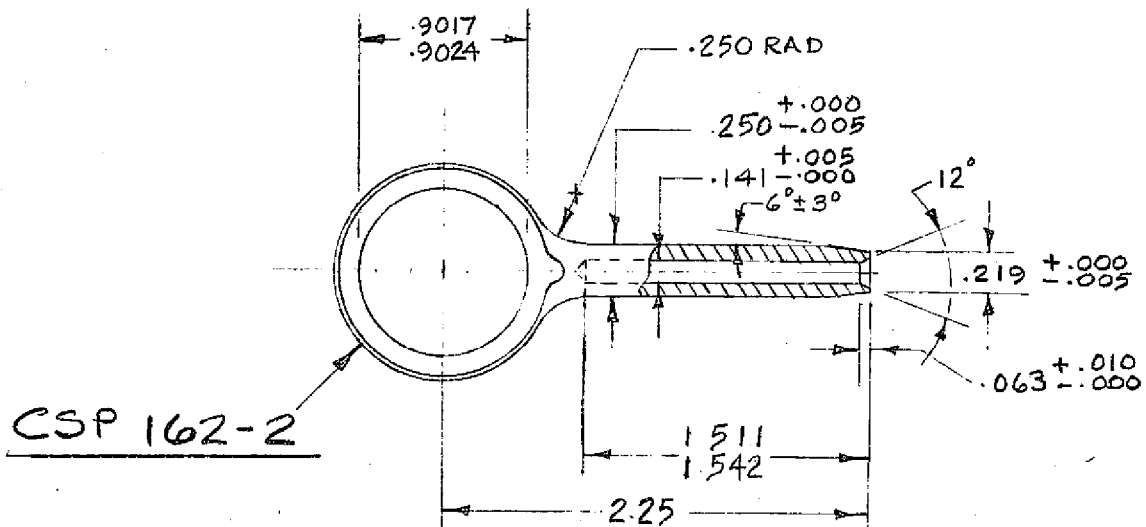
24

414

44

1

STANDARDS SHEET



NOTE: REMOVE ALL SHARP EDGES.
SHANKS & CABLE HOLE SHALL BE CONCENTRIC & PARALLEL TO AXIS WITHIN 0.008 (0.016 TOTAL INDICATOR READING)
MATERIAL: QQ-S-764 CLASS 303 SE COND A. OR CLASS 303 S COND. A
AS ALTERNATE.

CABLE SIZE: $\frac{1}{8}$ NOMINAL

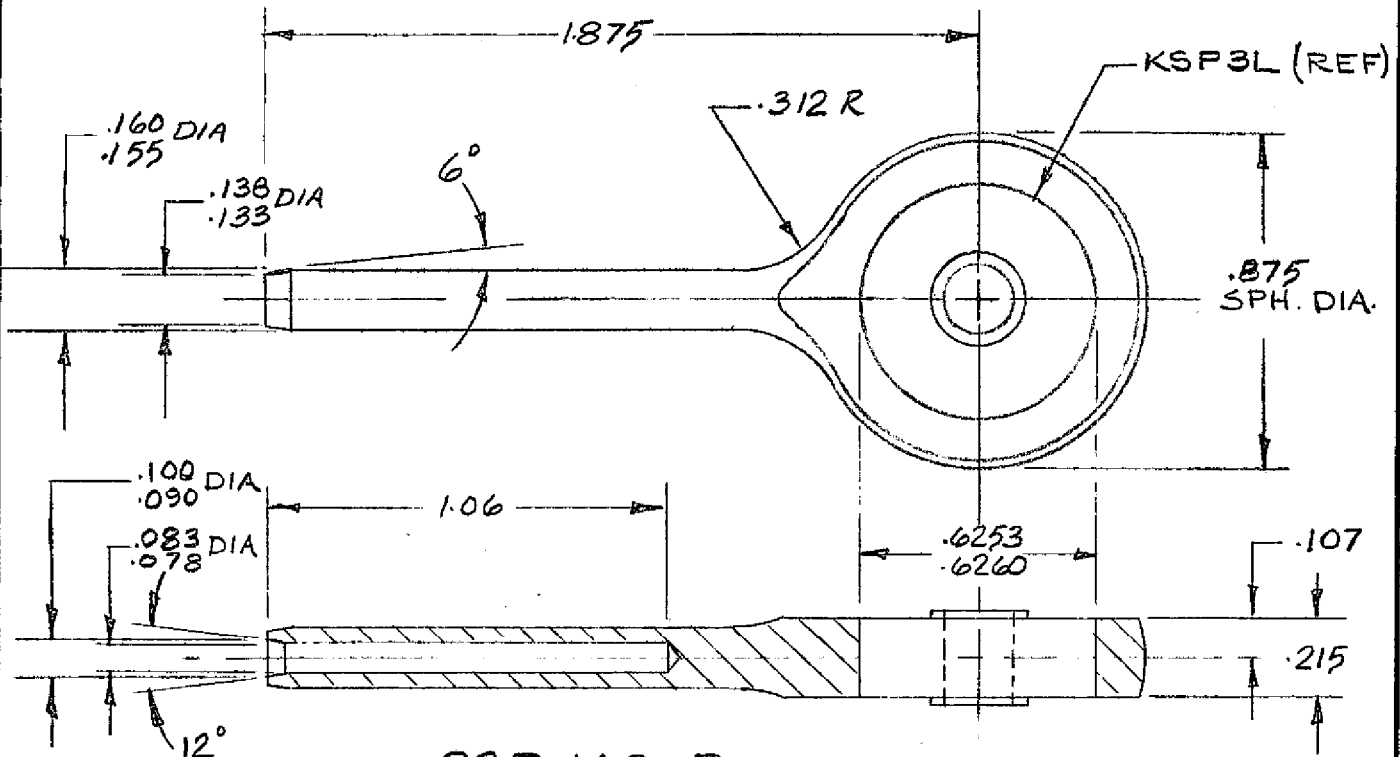
HOUSING BORE SUITABLE FOR KS4 AND KP4 BEARINGS
INSTALLED WITH LOCTITE.

DRAWN	RR. KROMKAMP	CLASSIFICATION	STANDARD
CHECKED	McCLYMONT.	SWAGED TYPE BALL BEARING END	CSP 162
STRESSED	L. Karbe		
APPROVED			

SDS M&P SCHREINER 4-7-73

ADD: CLASS 303S AS ALTERNATE MAT'L
 7:12-73 SK.S

STANDARDS SHEET



CSP 162-3

SCALE: 2X FULL SIZE

NOTE: REMOVE ALL SHARP EDGES

SHANKS & CABLE HOLE SHALL BE CONCENTRIC & PARALLEL TO
AXIS WITHIN 0.008 (0.016 TIR)

PASSIVATE TO P.P.S. 31.05

MATERIAL: ST. STEEL BAR STOCK, QQ-S-764 CLASS 303 Se
COND 'A'

CABLE SIZE: 1/16 NOMINAL

HOUSING BORE SUITABLE FOR KSP3L BEARINGS
INSTALLED WITH LOCTITE GRADE AA

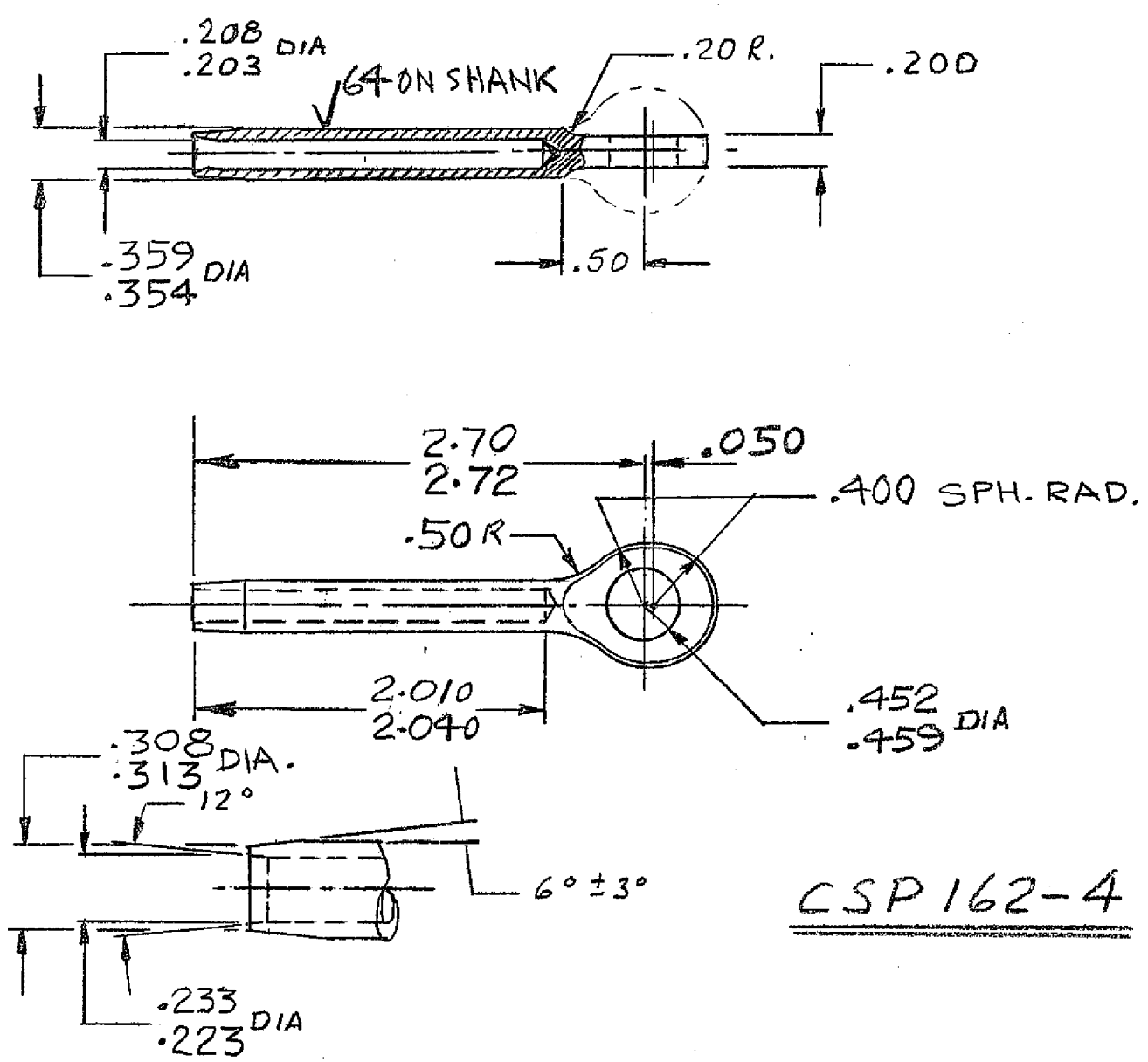
DRAWN	KROMKAMP	CLASSIFICATION	STANDARD
CHECKED	SATRAITNUE	SWAGED TYPE BALL BEARING END	CSP 162
STRESS	Muehlen		
APPROVED			

15.3.74

\$4T 3

STANDARDS SHEET

~~AT PRESENT USE IS LIMITED TO ZARE BUFFALOS~~ (A)
SEE C4BM10010-1 FOR SIMILAR PART

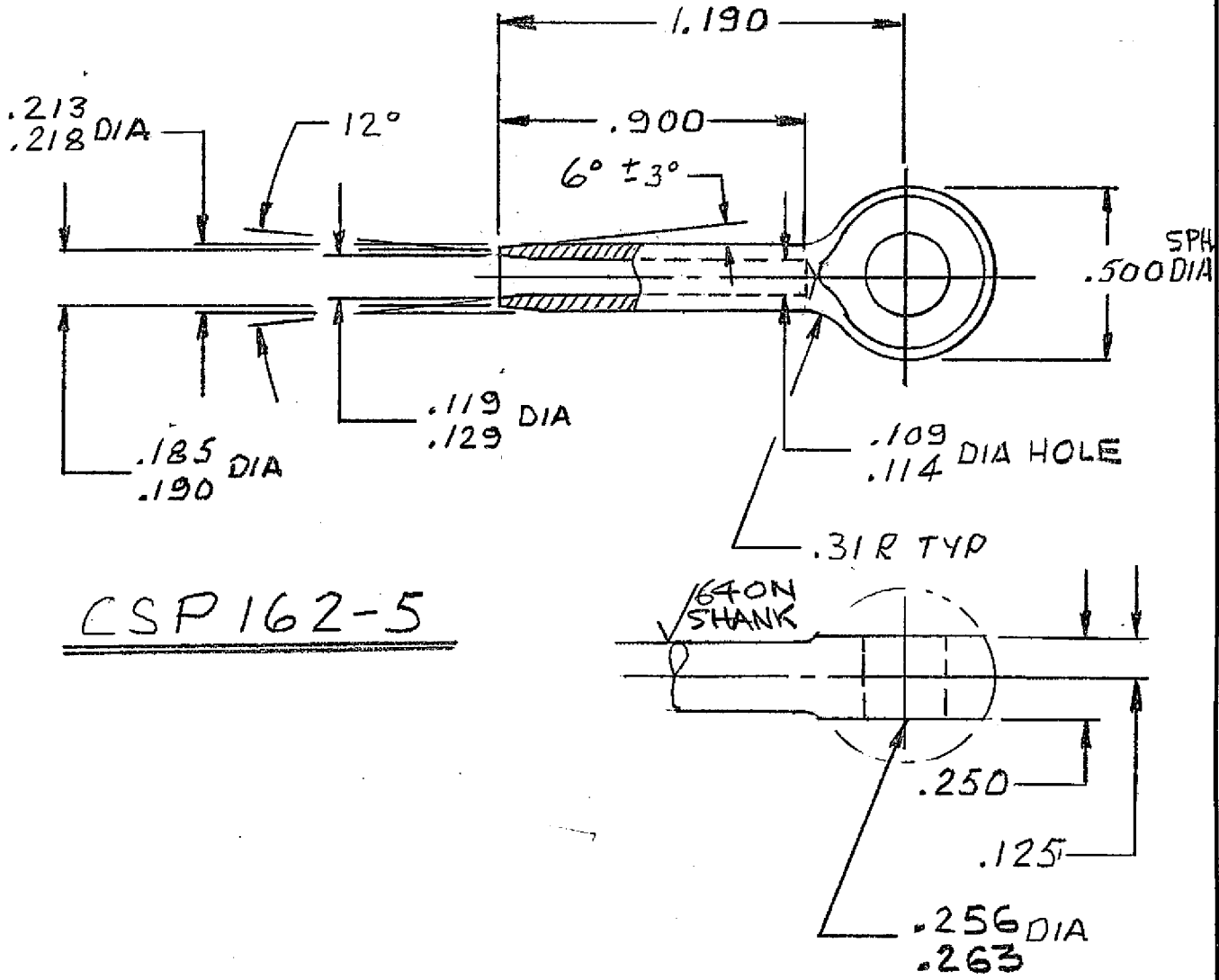


REMOVE ALL SHARPEGES
SHAFT & CABLE HOLE SHALL BE CONCENTRIC & PARALLEL TO
TO AXIS WITHIN .008 (.016 T.I.R) CABLE SIZE 3/16 NOMINAL
PASSIVATE TO PPS 31.05
STEEL CORROSION RESISTANT QQ-S-764 CLASS 303 Se COND. A
TENSILE STRENGTH 115/75 KSI (A)

DRAWN	P. LEROUX	CLASSIFICATION	STANDARD
CHECKED	H. SMITH	TERMINAL - EYE END	CSP162
STRESSED	W. B.	WIRE CABLE SWAGING	
APPROVED			

(A) 75 KSI ADDED
ZARE DELETED
27-10-76 B
H. SMITH
W. B.

STANDARDS SHEET



CSP 162-5

NOTE: REMOVE ALL SHARP EDGES
SHANK AND CABLE HOLE SHALL BE CONCENTRIC
AND PARALLEL TO AXIS WITHIN 0.008 (0.016 TIR)

MATERIAL: ST. STEEL BAR STOCK QQ-S-764 CLASS 303 SE
COND 'A'
TENSILE STRENGTH NOT TO EXCEED 115 KSI
CABLE SIZE $\frac{3}{32}$ NOMINAL
PASSIVATE TO PPS 31.05

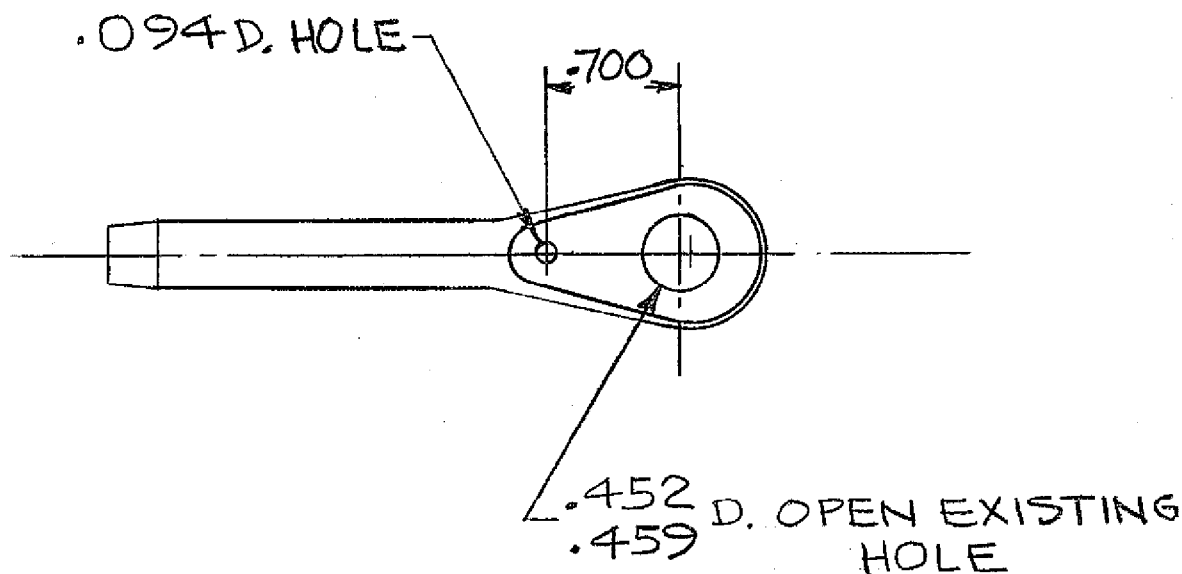
(A) ~~AT PRESENT USE LIMITED TO ZAIRE BUFFALOS~~

DRAWN	PIEROUX	CLASSIFICATION	STANDARD
CHECKED	H. SMITH	TERMINAL-EYE END - SWAGING	CSP 162
STRESSED	AKH		
APPROVED			

(A) USE NO LONGER RESTRICTED
 TO ZAIRE BUFFALO
 25-2-70
 SCHAFFNER



STANDARDS SHEET



CSP162-6

MAKE FROM MS 20668-6

⑧ NOTE

REMOVE MS PART MARKING FROM TERMINAL USING
AIR OR ELECTRIC DRIVEN VIBRATORY PENCIL TO
P.P.S. 15.01. BEING CAREFUL NOT TO DAMAGE
SURROUNDING AREA.

DRAWN	W.S. MITT	CLASSIFICATION	STANDARD
CHECKED	-	TERMINAL-EYE END - SWAGING.	CSP162
STRESSED	WLB		
APPROVED			

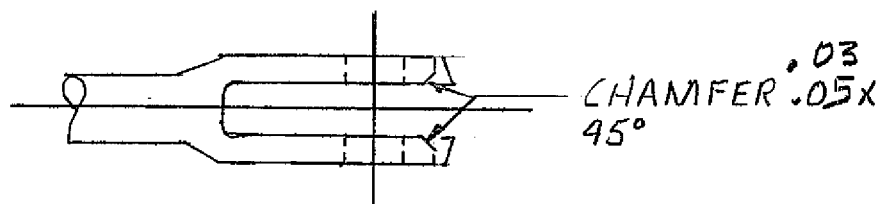
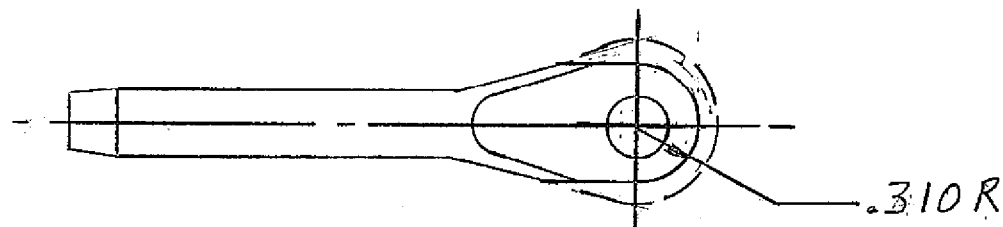
VA. OPS RWRIGHT 21-3-75 SDS MCP SCHRAEDER 10-4-75 SH. 6

① NOTE "AT PRESENT, USE LIMITED
ZAIRE BUFFALOS" DELETED
21-5-75 RWI

⑧ NOTE ADDED. 28 OCT. 81 MR. L.F.



STANDARDS SHEET



CSP162-7

MAKE FROM MS 20667-6

Ⓐ NOTE

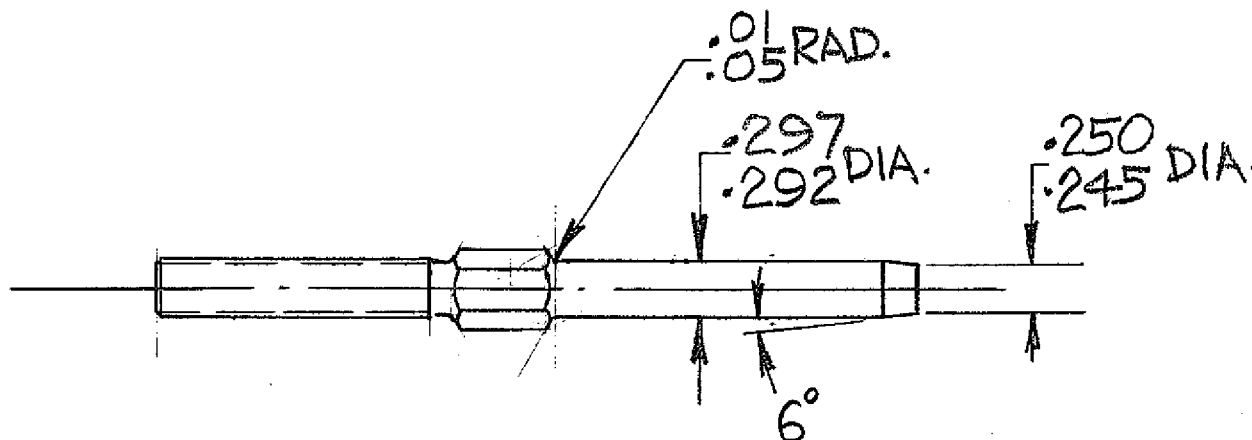
REMOVE MS PART MARKING FROM TERMINAL USING AIR OR ELECTRIC DRIVEN VIBRATORY PENCIL TO P.R.S. 15.01. BEING CAREFUL NOT TO DAMAGE SURROUNDING AREA.

DRAWN	LEMOUX	CLASSIFICATION	STANDARD
CHECKED	H. SMITH	TERMINAL - FORK END SWAGING	CSP162SH.7
STRESSED	R. HOOVER		
APPROVED	SCHAEFFER		

ENDS M.C.P. 15.7.75

Ⓐ NOTE ADDED. 28.OCT.81 MR. L. WEBB

STANDARDS SHEET



CSP 162-8

MAKE FROM MS 21259-6RH.

ALLOWABLE LOAD UNKNOWN

① NOTE

REMOVE MS PART MARKING FROM TERMINAL USING AIR OR ELECTRIC DRIVEN VIBRATORY PENCIL TO P.R.S. 15.01. BEING CAREFUL NOT TO DAMAGE SURROUNDING AREA.

DRAWN	CLASSIFICATION	STANDARD
CHECKED	TERMINAL - STUD	CSP 162
STRESSED	- SWAGING.	
APPROVED		

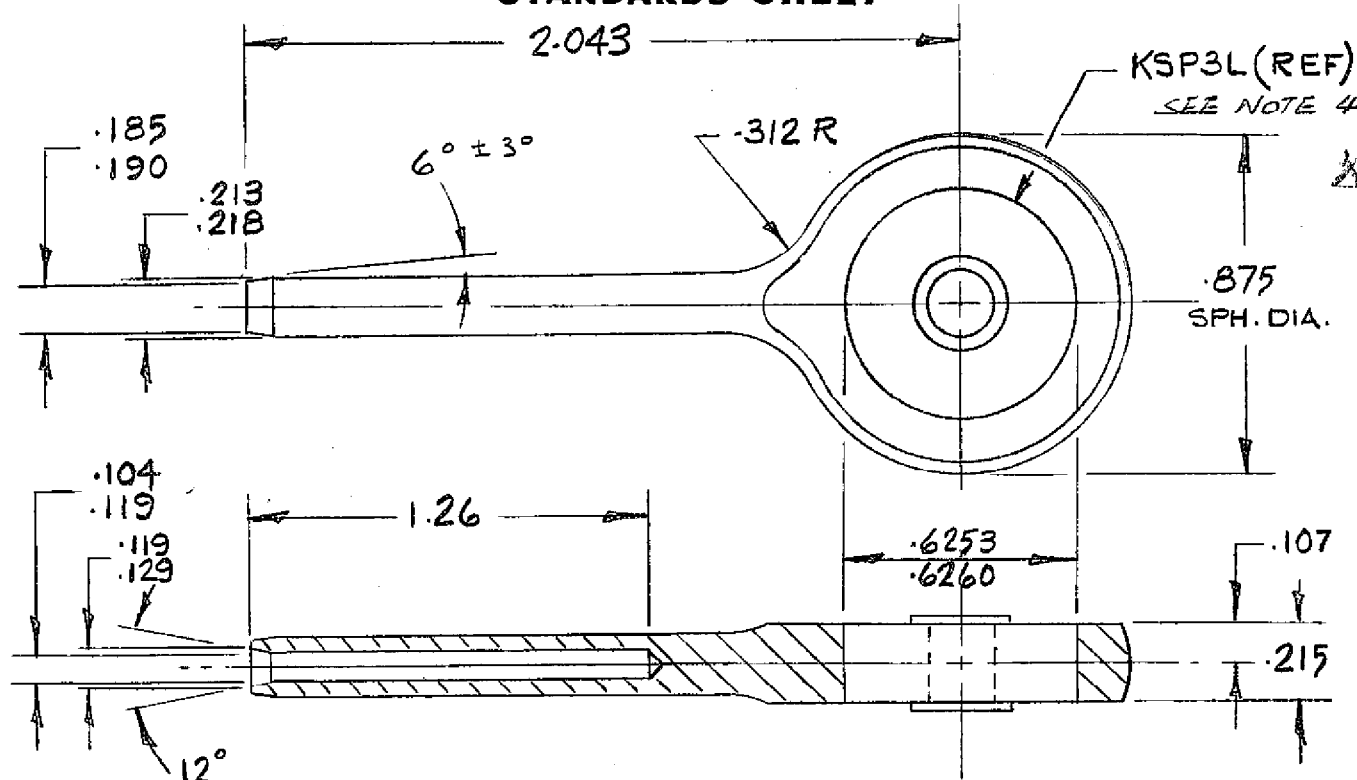
SCHRAFFNER STDS M&P 11-2-76

SH. 8

① NOTE ADDED, 28 OCT. 81 MR. E. W. B.



STANDARDS SHEET



CSP 162 -10

2X FULL SIZE

NOTES:

1. REMOVE ALL SHARP EDGES
2. SHANK & CABLE HOLE SHALL BE CONCENTRIC & PARALLEL TO AXIS WITHIN 0.008 (0.016 TIR)
3. PASSIVATE TO P.P.S. 31.05

MATERIAL:

- ST. STEEL BAR STOCK, QQ-S-764 CLASS 303 SE, COND 'A'

CABLE SIZE

- 3/32 NOMINAL

HOUSING BORE SUITABLE FOR KSP3L BEARINGS INSTALLED WITH LOCTITE GRADE AA

NOTES

4. BEARING IS NOT INCLUDED IN THIS PART. ITS APPEARANCE IS STRICTLY FOR REFERENCE ONLY.

DRAWN	KROMKAMP	CLASSIFICATION	STANDARD
CHECKED	D. LINTS	SWAGED TYPE BALL	CSP 162
STRESSED	<i>Just</i>		
APPROVED	<i>SEATWELL</i>		

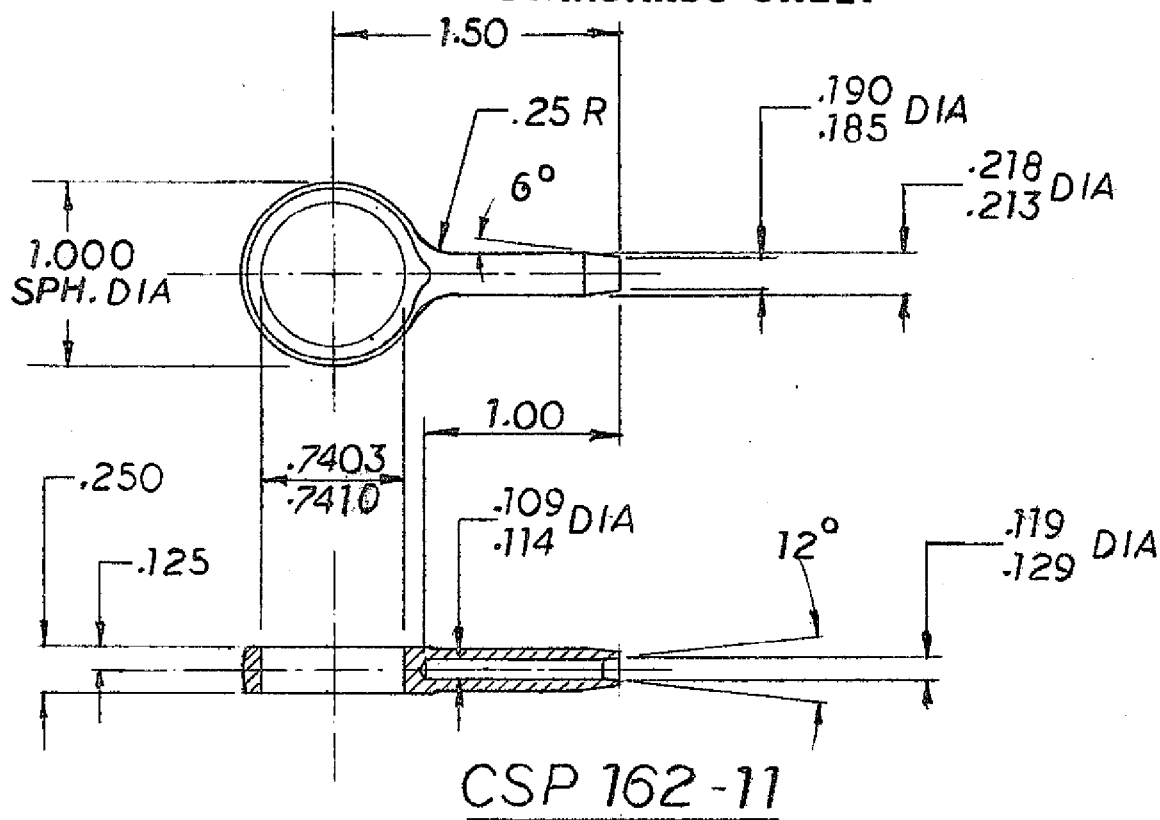
SHEET 9

STDS M&P 25.6.76

NOTE 4 ADDED
9.5.80 PL.



STANDARDS SHEET



NOTES: REMOVE ALL SHARP EDGES

SHANK AND CABLE HOLE TO BE CONCENTRIC AND
PARALLEL TO AXIS WITHIN .016 TIR

PASSIVATE TO PPS 31.05

MATERIAL: ST. STEEL BAR STOCK QQ-S-764 CLASS 303 S_e
COND "A". TENSILE STRENGTH NOT TO EXCEED 115 KSI

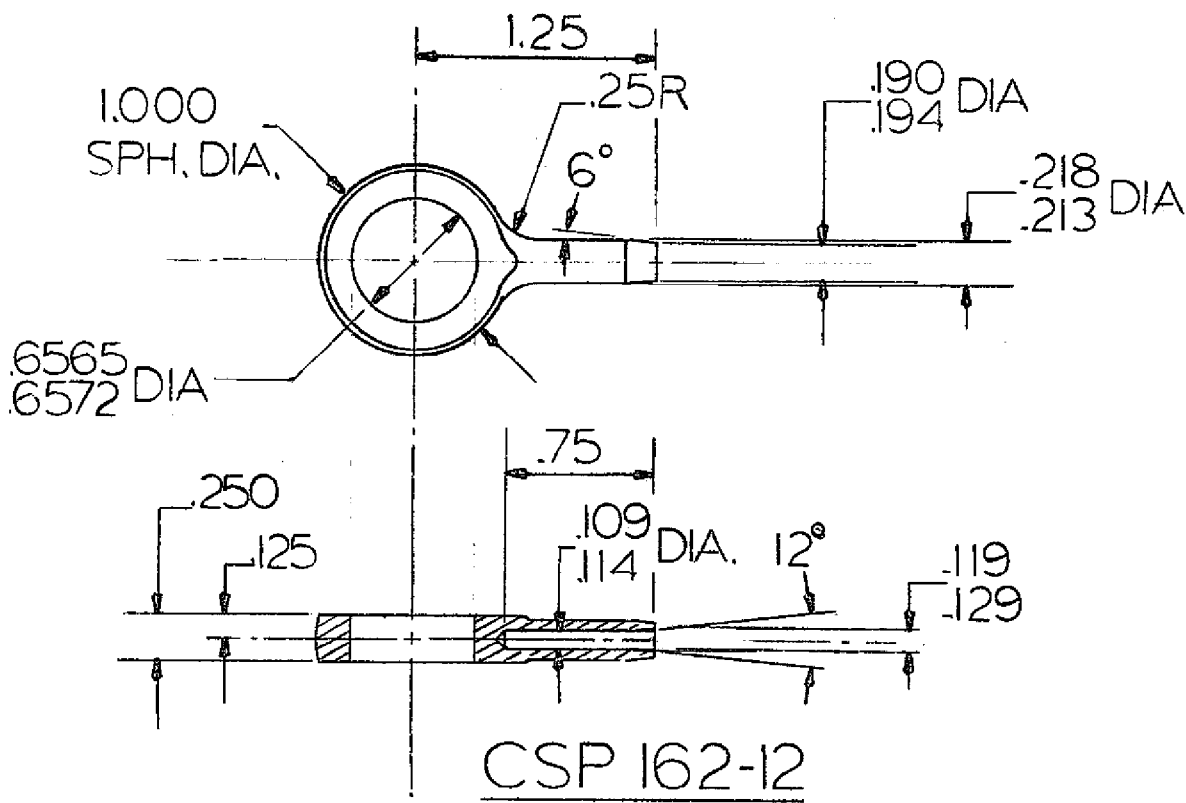
CABLE SIZE: 3/32 NOMINAL

HOUSING BORE SUITABLE FOR DSC 3-4 BEARING INSTALLED
WITH LOCTITE GRADE "AA"

DRAWN	LANGENBERG	CLASSIFICATION	STANDARD
CHECKED	T. B. J.	SWAGED TYPE BALL BEARING END	CSP 162 SHEET 10
STRESSED	W. B. J.		
APPROVED	CHAPMAN		



STANDARDS SHEET



NOTE: REMOVE ALL SHARP EDGES.

SHANK AND CABLE HOLE TO BE CONCENTRIC
AND PARALLEL TO AXIS WITHIN .016 TIR

PASSIVATE TO PPS 31.05

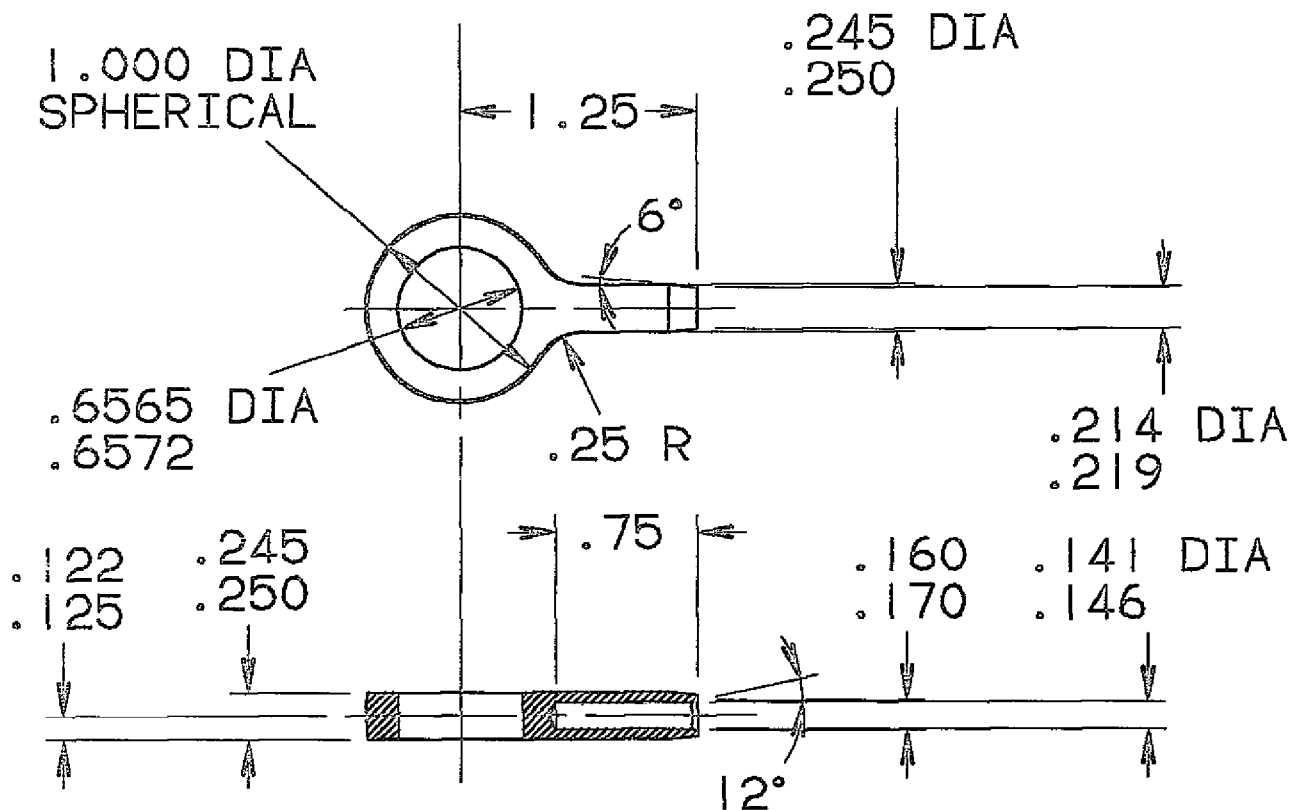
MATERIAL: ST. STEEL BAR STOCK QQ-S-764

CLASS 303 Se COND "A" TENSILE STRENGTH
NOT TO EXCEED 115KSI

CABLE SIZE: 3 / 32 NOMINAL

HOUSING BORE SUITABLE FOR DSC 2-4 BEARING
INSTALLED WITH LOCTITE GRADE "AA"

DRAWN	Malangyaon	CLASSIFICATION	STANDARD
CHECKED	T. J. Malangyaon	SWAGED TYPE BALL BEARING END	CSP 162
STRESSED	Malangyaon		
APPROVED	Malangyaon		



CSP 162-13

NOTE: REMOVE ALL SHARP EDGES.
SHANK AND CABLE HOLE TO BE CONCENTRIC
AND PARALLEL TO AXIS WITHIN .016 TIR
PASSIVATE TO PPS 31.05

MATERIAL: ST. STEEL BAR STOCK QQ-S-764

CLASS 303 SE COND "A". TENSILE
STRENGTH NOT TO EXCEED 115 KSI.

CABLE SIZE: 1/8 NOMINAL

HOUSING BORE SUITABLE FOR DSC2-4 BEARING
INSTALLED WITH LOCTITE GRADE "AA"

DRAWN	M SISKD	TITLE	STANDARD
CHECKED	J BURNS	SWAGED TYPE BALL BEARING END	CSP 162
STRESSED	S CHENG		
APPROVED	J BURNS		
DATE	23 NOV 94		

M.T. 25/11/94