

A3 Drawings Index Sheet - General

Page No.	Drawing Number	Drawing Title
2	D/S 12 sh. 9	Data sheet for paint, materials etc.
3	2171 - 11 to 39 inc.	Metal section - unequal angle
4	2171 - 70 to 98 inc.	Metal section - equal angle
5	2171 - 300 to 350 inc.	Metal section - unequal channel
6	2171 - 351 to 400 inc.	Metal section - equal channel
7	2171 - 402	Metal section - stress panel
8	2172 - 409	Metal section - double flanged equal angle
9	2173 - 414	Metal section - equal zed
10	2174 - 416	Metal section - lipped equal angle

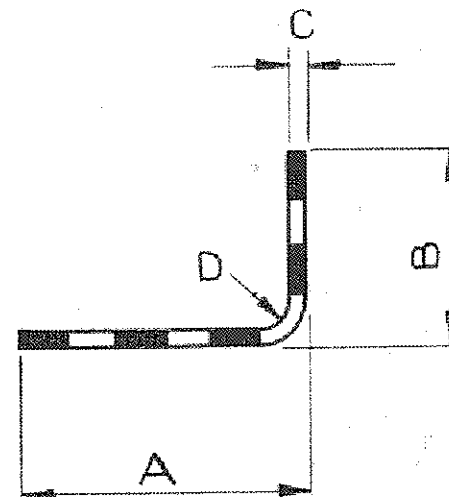
TITLE						
DATA SHEET FOR PAINT, MATERIALS ETC.						
ISSUE NO	7	1	2	3	4	PROCESS SPEC. NO
MOD. NO	-					
DATE	15-3-65	1-3-67	20-6-67	11-7-67	14-11-67	PART NO D/S 12
DRAWN	F.M.E.	F.M.E.	F.M.E.	F.M.E.	F.M.E.	
CHECKED	F.M.E.	F.M.E.	F.M.E.	F.M.E.	F.M.E.	
PASSED						
ISSUE NO	5	6				
MOD. NO						SHEET. 9
DATE	12-8-68	19-11-70				
DRAWN	F.M.E.	M.R.G.				
CHECKED						
PASSED						
ALL PARTS MUST BEAR OUR PART NO DATE LETTER AND MAKERS TRADE MARK						

L.T.E. CHISWICK WORKS, LONDON, W.4.

DRAWING NOT TO BE SCALED

11	2 $\frac{7}{16}$ "	5 $\frac{5}{8}$ "	12 B.G.	$\frac{1}{16}$ "	133.						
12	2"	1 $\frac{1}{2}$ "	14 B.G.	$\frac{1}{16}$ "	133.						
13	2 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "	10 B.G.	$\frac{1}{16}$ "	133.						
14	2 $\frac{1}{4}$ "	1 $\frac{1}{2}$ "	14 B.G.	$\frac{1}{16}$ "	133.						
15	1 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "	10 B.G.	$\frac{1}{16}$ "	133.						
16	1 $\frac{1}{2}$ "	1"	16 B.G.	$\frac{1}{16}$ "	133.						
17	1 $\frac{5}{16}$ "	1 $\frac{3}{16}$ "	18 B.G.	$\frac{1}{16}$ "	133.						
18	1 $\frac{1}{2}$ "	1 $\frac{1}{8}$ "	14 B.G.	$\frac{1}{16}$ "	133.						
19	1 $\frac{3}{8}$ "	5 $\frac{5}{8}$ "	14 B.G.	$\frac{1}{16}$ "	133.						
20	1 $\frac{1}{4}$ "	1"	16 B.G.	$\frac{1}{16}$ "	133.						
21	2 $\frac{3}{8}$ "	1"	14 B.G.	$\frac{1}{16}$ "	133.						
22	1"	5 $\frac{5}{8}$ "	16 B.G.	$\frac{1}{16}$ "	133.						
23	1 $\frac{3}{4}$ "	1"	14 B.G.	$\frac{1}{8}$ "	133.						
24	1 $\frac{1}{2}$ "	1"	14 B.G.	$\frac{1}{8}$ "	133.						
25	1"	9 $\frac{7}{16}$ "	16 B.G.	$\frac{1}{16}$ "	133.						
26	1 $\frac{1}{4}$ "	3 $\frac{3}{4}$ "	14 B.G.	$\frac{1}{8}$ "	133.						
27	1"	3 $\frac{3}{8}$ "	16 B.G.	$\frac{1}{16}$ "	133.						
28	3 $\frac{3}{4}$ "	1 $\frac{1}{2}$ "	18 B.G.	$\frac{1}{16}$ "	133.						
29	1 $\frac{3}{4}$ "	1 $\frac{1}{4}$ "	14 B.G.	$\frac{1}{8}$ "	133.						
30	1 $\frac{1}{2}$ "	1 $\frac{1}{4}$ "	14 B.G.	$\frac{1}{16}$ "	133.						
31	2 $\frac{3}{4}$ "	1 $\frac{3}{16}$ "	16 B.G.	$\frac{1}{16}$ "	133.						
32	1 $\frac{3}{8}$ "	5 $\frac{5}{16}$ "	16 B.G.	$\frac{1}{16}$ "	133.						
33											
34											
35											
36											
37											
38											
39											
SECTION Nº	A	B	C	D	MAT'L. LIST Nº	SECTION Nº	A	B	C	D	MAT'L. LIST Nº

					TITLE METAL SECTION. UNEQUAL ANGLE.				
					ISSUE NO. 1. 2. 3. 4. 5.				
					ALTN. NO.				
					DATE 31.8.45 9.10.45 13.6.48 1.6.51 21.11.51				
					DRAWN F.S. H.S. H.P.D. H.P.D. H.P.D.				
					CHECKED				
					PASSED				
					ISSUE NO. 6. 7. 8. 9.				
					ALTN. NO.				
					DATE 12.2.52 26.8.52 1.8.53 29.12.54				
					DRAWN H.P.D. IRG A.R.D. F.M.E.				
					CHECKED				
					PASSED				
					PROCESS SPEC. NO.				
					OIL FINISH				
					PART NO.				
					2171-11 To 39.				
					INCLUSIVE.				
					ALL PARTS MUST BEAR OUR PART NO. DATE LETTER & MAKERS TRADE MARK				
PART NO.					DESCRIPTION				
MTL					SPEC.				
NO PER ASSY.									
⊕ f G					MACHINED ALL OVER				
					MACHINED				
					GROUND				
					LIMITS TO NEWELL STANDARDS				
					DIMENSIONS WITHOUT LIMITS TO BE IN ACCORDANCE WITH I.P.T.B. DATA SHEET DSI				
					TYPE ASSD.ON				
					TYPE ASSD.ON				



ALTERATIONS

ISSUED 2026 ADDED
9.10.48 H.S.

ISSUE 3
N° 27 ADDED

ISSUE 4.
SECTION. 28
ADDED.

ISSUES
SECTION NO 29
ADDED.

ISSUE 6
SECTION N° 30
ADDED.

ISSUE, 7
SECTION Nº 31
ADDED.

ISSUE 8.
SECTION N° 32
ADDED.

ISSUE 9
ON SECTIONS
H TO 27 B.G
WAS S.W.G.

W 5B 312
5-1260-1-12

70	1"	16 B.G.	1/16"	133.
71	1"	14 B.G.	1/16"	133.
72	1 1/4"	14 B.G.	1/16"	133.
73	1 1/2"	14 B.G.	1/16"	133.
74	1"	12 B.G.	1/16"	133.
75	1 1/2"	10 B.G.	1/16"	133.
76	5/8"	16 B.G.	1/16"	133.
77	3/4"	16 B.G.	1/16"	133.
78	3/4"	16 S.W.G.	1/16"	A103
79	13/16"	16 S.W.G.	1/16"	A103
80	13/16"	16 B.G.	1/16"	133
81				
82				
83				
84				
85				
86				
87				
88				
89				
90				
91				
92				
93				
94				
95				
96				
97				
98				

[illegible]

ALTERATIONS

ISSUE 2, 78 ADDED
22-6-46 B.O.N.
ISSUE 3

ITEM 79
ADDED

ISSUE 4.
ITEM 80 ADDED

ISSUE 5
ON SECTIONS 70 to
77 BG. WAS S.W.G

L. T. ECHOLS & SONS, LTD., LONDON, W. 4.

DRAWING NOT TO BE SCALED

300	1 ¹¹ / ₁₆ "	2 ³ / ₈ "	1 ¹ / ₂ "	1 ¹ / ₁₆ "	16 B.G.	133.	329						
301	5 ⁵ / ₈ "	1 ¹ / ₄ "	1 ²¹ / ₃₂ "	1 ¹ / ₈ "	14 B.G.	133.	330						
302	13 ¹³ / ₃₂ "	2 ¹ / ₄ "	1 ⁵ / ₃₂ "	1 ¹ / ₈ "	14 B.G.	133.	331						
303	1 ¹ / ₄ "	1 ⁷ / ₈ "	1 ⁷ / ₈ "	1 ¹ / ₈ "	14 B.G.	133	332						
304	1 ³ / ₈ "	1 ⁵ / ₈ "	1 ¹¹ / ₁₆ "	3 ³ / ₃₂ "	16 B.G.	L.T.E. 8 ^A	333						
305	1 ¹ / ₂ "	3 ³ / ₄ "	1 ¹ / ₄ "	1 ¹ / ₁₆ "	16 B.G.	B.S.H.C. 14T	334						
306	15 ¹⁵ / ₁₆ "	1 ⁷ / ₁₆ "	45 ⁴⁵ / ₆₄ "	1 ¹ / ₁₆ "	20 B.G.	133.	335						
307	1"	1 ¹ / ₂ "	2 ¹¹ / ₃₂ "	1 ¹ / ₁₆ "	18. B.G.	133.	336						
308	15 ¹⁵ / ₁₆ "	1 ⁷ / ₁₆ "	41 ⁴¹ / ₆₄ "	1 ¹ / ₁₆ "	20. B.G.	133.	337						
309							338						
310							339						
311							340						
312							341						
313							342						
314							343						
315							344						
316							345						
317							346						
318							347						
319							348						
320							349						
321							350						
322													
323													
324													
325													
326													
327													
328													
SECTION Nº	A	B	C	D	E	MAT'L. LIST Nº	SECTION Nº	A	B	C	D	E	MAT'L. LIST N°

A diagram of a U-shaped channel cross-section. The channel has a flat bottom and two vertical side walls. The bottom is labeled 'D'. The left vertical wall is labeled 'B' with a dimension line indicating its height. The right vertical wall is labeled 'E' with a dimension line indicating its height. The horizontal distance between the inner faces of the two vertical walls is labeled 'C'. The horizontal distance from the centerline of the channel to the right edge of the right vertical wall is labeled 'A'.

ALTERATIONS

ISSUE 2
SECTIONS 303-306
ADDED

ISSUE 3.
SECTIONS 307 & 308
ADDED.

ISSUE 4
BG WAS SWG
ON ITEMS 300
301 & 302.

TITLE	METAL	SECTION.
UNEQUAL		CHANNEL

	1.	2.	3.	4.
ISSUE NO				
ALTN. NO				
DATE	31.8.45	23.5.51	15.7.52	25.1.53
DRAWN	F.S.	H.P.B.	A.D.B.	F.M.E.
CHECKED	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
PASSED				
ISSUE NO				
ALTN. NO				
DATE				
DRAWN				
CHECKED				
PASSED				

PROCESS SPEC. NO.	OIL FINISH
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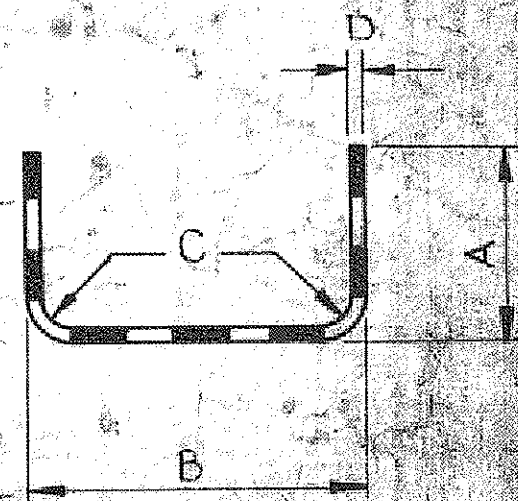
PART N°
2171-300 TO 350

ALL PARTS MUST BEAR OUR PART IN
DATE LETTER & MAKERS' TRADE MARK

PART NO	DESCRIPTION	MTL	SPEC.	NO PER ASSY.					
⊕ F F	MACHINED ALL OVER MACHINED GROUND	LIMITS TO NEWALL STANDARDS		DIMENSIONS WITHOUT LIMITS TO BE IN ACCORDANCE WITH L.P.T.B. DATA SHEET DS1					
	B FOR HOLES P PUSH FIT X RUNNING FIT F FORCE FIT D DRIVING FIT Y " "					TYPE	ASSD.ON	TYPE	ASSD.ON

DRAWING NOT TO BE SCALED

351	3/4	1 29/32	1/16	18 B.G.	133	380	1 1/8	1 1/8	1/16	16 B.G.	133
352	1	2 29/32	1/16	18 B.G.	133	381	1	1 7/8	1/16	16 B.G.	133
353	1	1 1/2	1/16	18 B.G.	133	382	7/8	1 1/8	3/32	16 B.G.	133
354	1 1/8	1	1/16	18 B.G.	133	383	1 1/4	3	1/8	10 B.G.	133
355	1 1/8	1 1/2	1/16	18 B.G.	133	384	1 1/4	3 3/16	1/8	10 B.G.	133
356	1 1/4	4	1/16	18 B.G.	133	385	1 1/4	2 1/2	1/8	14 B.G.	133
357	1	1 1/2	1/16	16 B.G.	133	386	1 1/4	3 3/4	1/16	16 B.G.	133
358	1 1/4	1 1/2	1/16	16 B.G.	133	387	1 1/4	3 1/2	1/16	18 B.G.	133
359	1	2 1/32	1/16	16 B.G.	133	388	1 1/4	2	1/16	18 B.G. 65 ST. ALLOY	
360	3/4	2 29/32	1/16	16 B.G.	133	389	7/8	1	1/16	16 B.G.	133
361	5/8	2 3/8	1/16	16 B.G.	133	390	1 1/2	2 1/2	1/8	12 B.G.	133
362	1 3/4	1 1/2	1/8	14 B.G.	133	391	1 5/16	2 7/32	1/16	16 B.G.	133
363	1	2	3/16	10 B.G.	133	392	1 1/16	1 9/16	1/16	18 B.G.	133
364	1/2	1 1/2	1/16	18 B.G.	133	393	3/8	1 1/16	1/16	16 B.G.	133
365	1 3/8	1	1/16	18 B.G.	133	394	1	1 1/32	1/16	16 B.G.	133
366	1 1/4	2 1/2	1/16	18 B.G.	133	395	1 1/2	1 1/2	3/32	12 B.G.	133
367	3/8	1 5/8	1/16	16 B.G.	133	396	1	1 21/32	3/32	12 B.G.	133
368	3/8	1 3/8	1/8	14 B.G.	133	397	1 1/2	1 21/32	3/32	12 B.G.	133
369	1/2	1 1/4	1/16	16 B.G.	133	398	1 5/16	1 21/32	3/32	12 B.G.	133
370	1/2	1 1/4	1/8	14 B.G.	133	399	1	1 21/32	3/32	14 B.G.	133
371	3/4	1 1/16	1/32	18 B.G.	133	400					
372	1/2	2 1/32	1/32	22 SWG	A 5	FOR CONTINUATION OF SERIES SEE 2171-751 TO 2171-800					
373	1 1/4	2 1/2	1/8	10 B.G.	BSS. 5007-405						
374	1 1/4	4 1/2	1/8	10 B.G.	BSS. 5007-405						
375	3/4	1 3/4	3/32	14 B.G.	133						
376	1	3	1/8	10 B.G.	LTE 8 A						
377	5/8	1 1/2	1/8	16 B.G.	133						
378	3/8	1	1/16	18 B.G.	133						
379	1 1/4	1 3/4	1/8	14 B.G.	133						
SECTION No	A	B	C	D	MAT'L. LIST No	SECTION No	A	B	C	D	MAT'L. LIST No



ISSUE No	15	16	17	
ALTN. No.				
DATE	17.12.54	29.3.55	27.9.55	
DRAWN	S.T.S.	F.M.E.	J.C.G.	
CHECKED				
PASSED				
ISSUE No	11	12	13	14
ALTN. No				
DATE	15.8.51	18.7.52	3.12.53	25.5.54
DRAWN	H.P.R.	A.B.B.	K.V.B.	J.C.G.
CHECKED				
PASSED				

ALTERATIONS
ISSUE 2: 2171-366 ADDED TO 1-15
ISSUE 3: SECTIONS 367-368 ADDED
ISSUE 4: SECTIONS 369 & 370
ISSUE 5: SECTION 371 ADDED
ISSUE 6: ON SECTION 371 DIM B WAS 3/8
ISSUE 7: SECTION N° 372 ADDED
ISSUE 8: SECTIONS 373 TO 385 ADDED
ISSUE 9: SECTION 386 ADDED
ISSUE 10: ITEMS 373-374 + 383 & 384 DIMS WAS 3/8 & 3/16 AMENDED TO 1/8
ISSUE 11: ITEMS 373 & 374 SPEC WAS 1/4 AMENDED TO BSS 5007-405
ISSUE 12: SECTIONS 397 to 399 ADDED
ISSUE 13: SECTIONS 391 & 392 ADDED
ISSUE 14: SECTION 393 ADDED
ISSUE 15: SECTIONS 394 to 399 ADDED
ISSUE 16: B.G. WAS SWG ON ITEMS 391 TO 371
ISSUE 17: NOTE ADDED RE 2171-751

TITLE: METAL SECTION
EQUAL CHANNEL

ISSUE No	1	2	3	4	5
ALTN. No			Mod	Mod	Mod
DATE	25.4.45	20.3.45	12.45	21.12.45	1.4.46
DRAWN	P.S.		F.S.	L.W.G.	A.B.B.
CHECKED					
PASSED					
ISSUE No	6	7	8	9	10
ALTN. No					
DATE	16.7.46	28.10.49	1.4.50	1.12.50	2.7.51
DRAWN	B.C.	R.G.			
CHECKED					
PASSED					

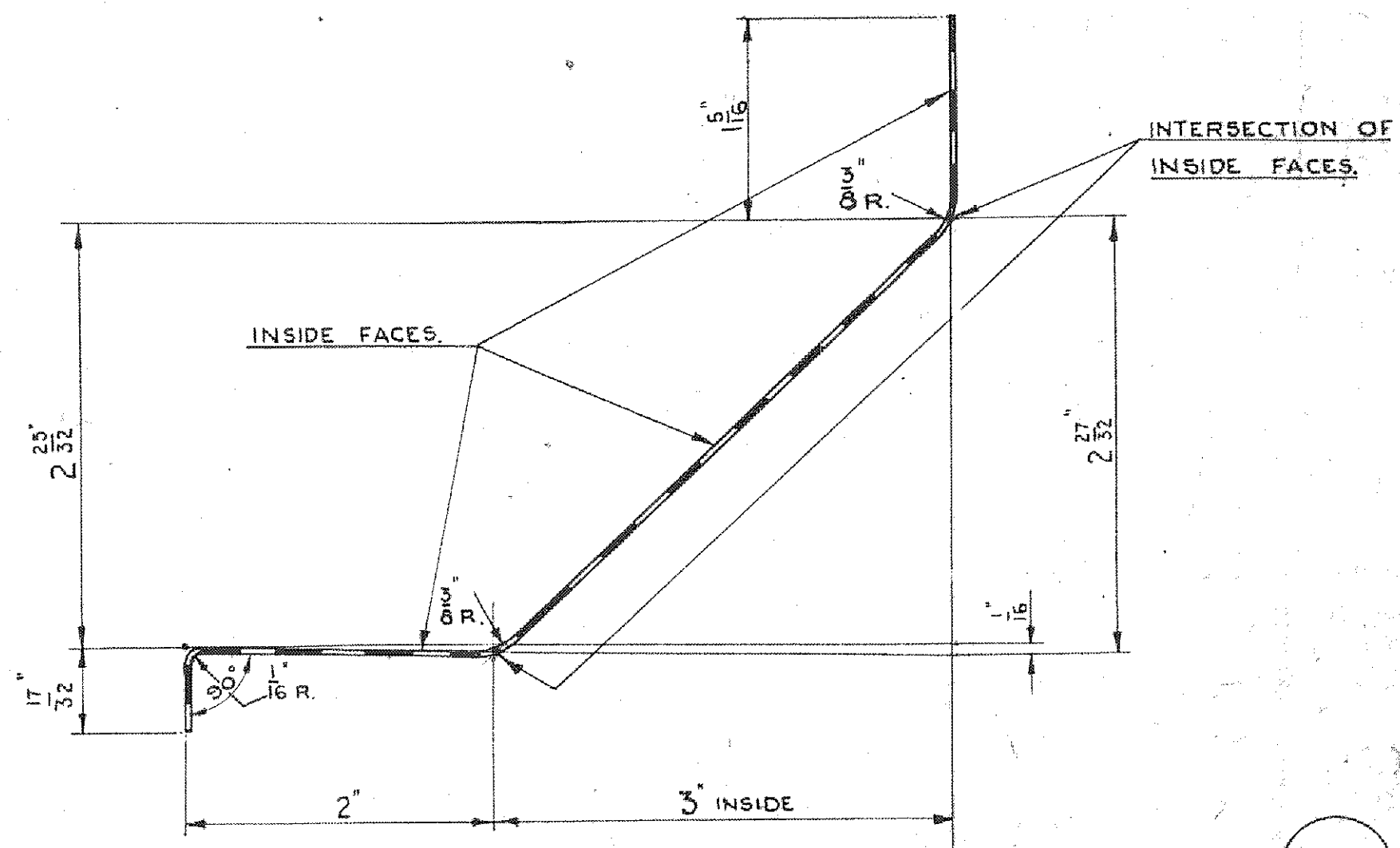
PROCESS SPECIFY: OIL FINISH
PART No: 2171-351040
INCLUSIVE
ALL PARTS MUST BE MARKED
DATE LETTER & NUMBER

PART No	DESCRIPTION	MTL	SPEC.	No PER. ASSY.
1	MACHINED ALL OVER			
2	3.4 CHAMFER			
3	GROUND			
LIMITS TO NEWELL STANDARDS		DIMENSIONS WITHOUT LIMITS TO BE IN ACCORDANCE WITH L.P.T.B. DATA SHEET (DS)		
B FOR HOLES: P: PUSH FIT X: RUNNING FIT F: FORCE FIT D: DRIVING FIT				

TYPE: ASSD ON TYPE: ASSD ON

DEPARTMENT OF THE CHIEF ENGINEER (BUSES & COACHES)
 L.T.E. CHISWICK WORKS, LONDON, W.4.

DRAWING NOT TO BE SCALED



402.20 BG
 (0392)

METAL SECTION-STRESS PANEL.

2171-402	METAL SECTION.	M.S. 133.
PART NO	DESCRIPTION	MT- SPEC. (W/PER ASSY.)
MACHINED ALL OVER	LIMITS TO NEWELL STANDARDS	DIMENSIONS WITHOUT LIMITS TO NEWELL STANDARDS
MACHINED	B FOR HOLES P/PUSH FIT X RUNNING FIT	ACCORDANCE WITH DATA SHEET DSI
G GROUND	F FORCE FIT D DRAINING FIT Y	

R.T.3.

TYPE ASSD. ON TYPE ASSD. ON

1	2	3	4
1-8-45	12-2-46	7-1-47	25.1.55
F.S.	F.S.	F.S.	F.M.E.
DATE	DATE	DATE	DATE
BY	BY	BY	BY
CHECKED	CHECKED	CHECKED	CHECKED
ISSUED	ISSUED	ISSUED	ISSUED
ALN. MT	ALN. MT	ALN. MT	ALN. MT

PART NO
 2171.-402

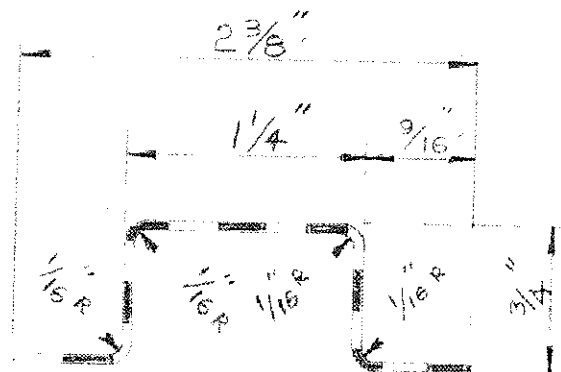
ALTERATIONS
 ISSUE 2.
 DRG TRACED
 WITHOUT
 ALTERATION.
 ISSUE 3.
 INTERSECTION
 POINTS CORRECTED
 PICTORIALLY
 ISSUE 4.
 B.G. WAS SWG

DEPARTMENT OF THE CHIEF ENGINEER (BUSES & COACHES)
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DRAWING NOT TO BE SCALED

ALTERATIONS

ISSUE 2
TYPE ADDED
BG WAS SWG



409

18 BG.
(.0495")

TITLE METAL SECTION			
DOUBLE FLANGED - EQUAL CHANNEL			
ISSUE NO	1	2	
ALTN. NO			
DATE	27-6-55	25/55	
DRAWN	FS	FME	
CHECKED			
PASSED			
ISSUE NO			
ALTN. NO			
DATE			
DRAWN			
CHECKED			
PASSED			

PART NO	DESCRIPTION	MTL	SPEC.	NO PER ASST.
2171-409	DOUBLE FLANGED EQUAL ANGLE	MS	133	
⊕	MACHINED ALL OVER			
f	MACHINED			
G	GROUND			

LIMITS TO NEWELL STANDARDS		DIMENSIONS WITHOUT LIMITS TO BE IN ACCORDANCE WITH L.P.T.B. DATA SHEET D51	
B FOR HOLES	P PUSH FIT	X RUNNING FIT	Y " "
F FORCE FIT	D DRIVING FIT		

TYPE	ASSD.ON	TYPE	ASSD.ON
RT3			

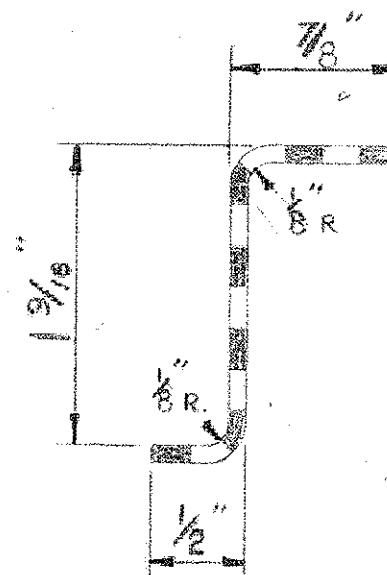
PROCESS SPEC. NO		OIL FINISH	
PART NO		2171 409	

ALL PARTS MUST BEAR OUR PART NO
DATE LETTER & MAKER'S TRADE MARK

DRAWING NOT TO BE SCALED

ALTERATIONS

ISSUE 2
TYPE ADDED
BG. WAS S.W.G.

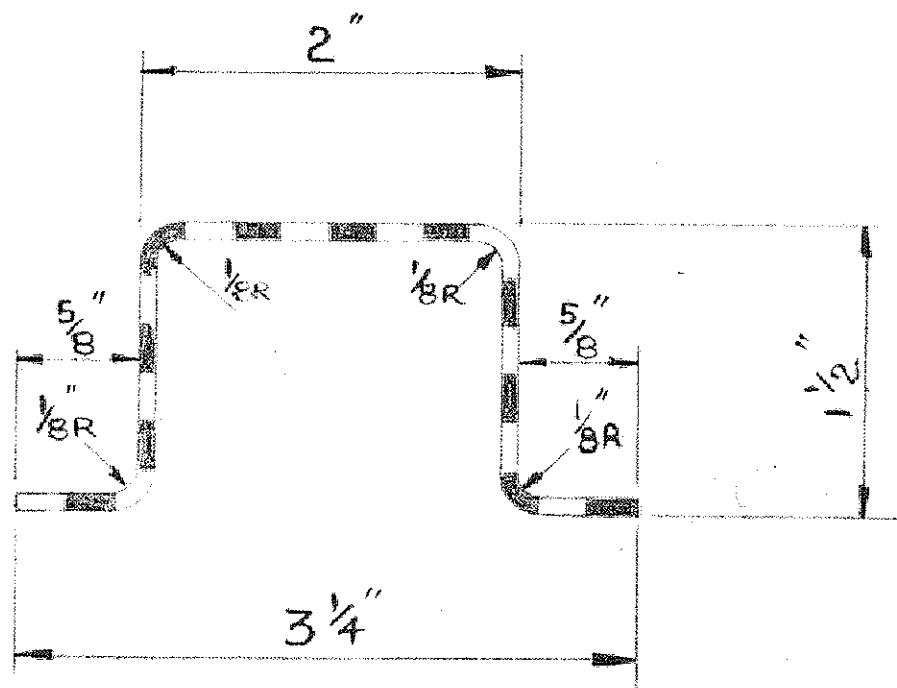


414 14 BG
(.0785)

TITLE				METAL SECTION			
UNEQUAL				ZED.			
ISSUE NO	1	2					
ALTN. NO	-	-					
DATE	26.8.45	21.2.55					
DRAWN	ES	FME					
CHECKED							
PASSED							
ISSUE NO							
ALTN. NO							
DATE							
DRAWN							
CHECKED							
PASSED							
PROCESS SPEC. NO.							
PART NO.				OIL FINISH			
2171-414							
ALL PARTS MUST BEAR OUR PART NO. DATE LETTER & MAKERS' TRADE MARK							

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L.T.E. CHISWICK WORKS, LONDON, W.4.

ISSUE 2
BG. WAS SWG.



416 14 BG
(0785)

				TITLE METAL SECTION LIPPED EQUAL CHANNEL			
				ISSUE NO 1 2 ALTN. NO - - DATE 14.8.45 21.2.55 DRAWN PS FME CHECKED PASSED			
				PROCESS SPEC. NO OIL FINISH			
2171-416 LIPPED EQUAL CHANNEL MS. 133				PART NO 2171-416			
PART NO DESCRIPTION MTL SPEC. NO PER ASSY.							
⊕ MACHINED ALL OVER f MACHINED G GROUND				LIMITS TO NEWELL STANDARDS B FOR HOLES P PUSH FIT X RUNNING FIT F FORCE FIT D DRIVING FIT Y " "			
DIMENSIONS WITHOUT LIMITS TO BE IN ACCORDANCE WITH L.P.T.B. DATA SHEET DS1				RT-3.			
TYPE ASSD.ON				TYPE ASSD.ON			
				DATE DRAWN CHECKED PASSED			
				ALL PARTS MUST BEAR OUR PART NO. DATE LETTER & MAKER'S TRADE MARK			