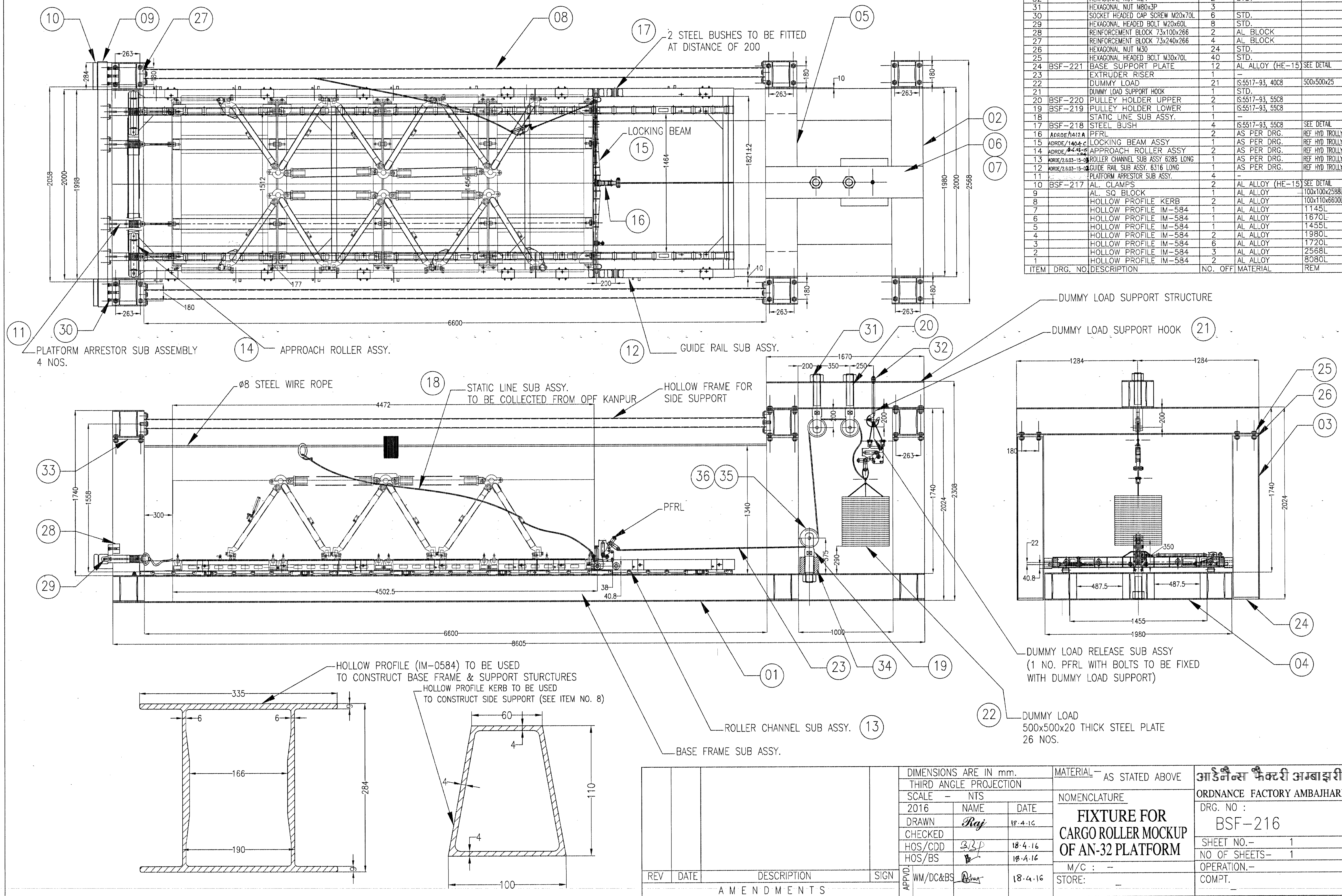


NOTES:

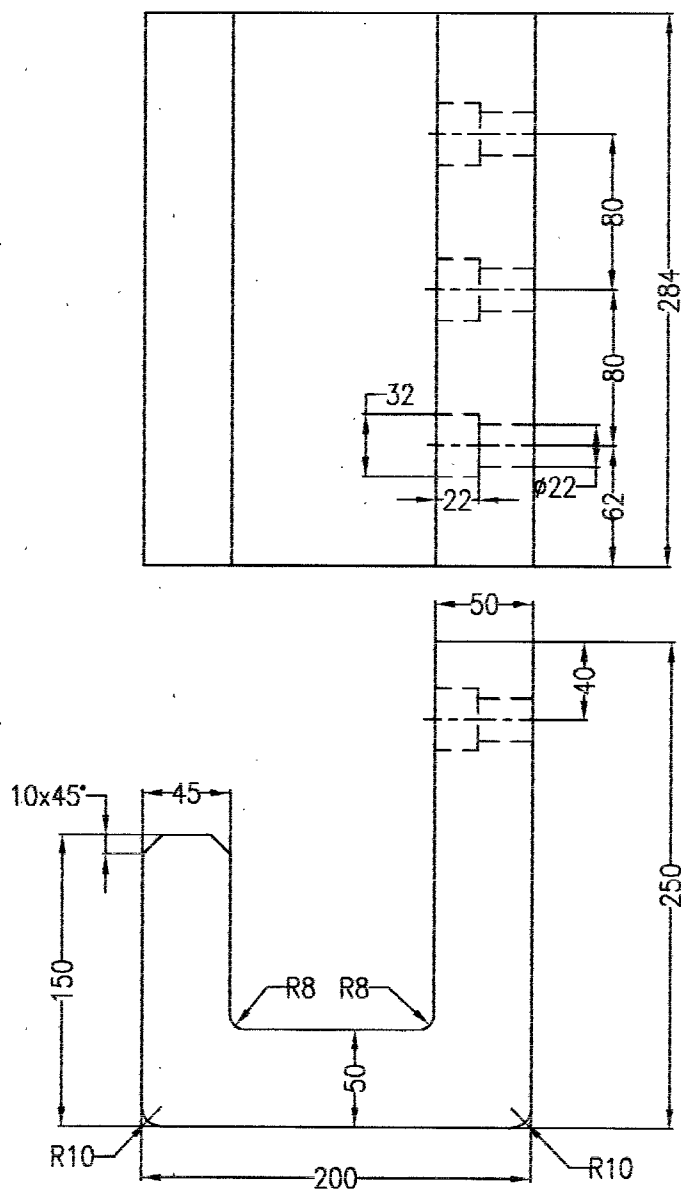
- ALL SHARP CORNERS TO BE REMOVED
- GENERAL TOL. AS PER IS:2102 VERY COARSE UNLESS OTHERWISE SPECIFIED



DRG. NO.- BSF-217														A M E N D M E N T S			
										REV		DATE		DESCRIPTION		SIGN	
EXTRACT OF IS: 2102 (MEDIUM) & SURFACE ROUGHNESS VALUES																	
LINER DIMENSIONS			ANGULAR DIMENSIONS														
ABOVE	UPTO & INCL.	TOL.	PERMISSIBLE VARIATION ON LENGTH OF SHORTER SIDE OF ANGLE				TOL.										
0.5	6	±0.1					mm PER 100mm	DEGREE OR MINUTES									
6	30	±0.2	ABOVE	UPTO & INCL.													
30	120	±0.3	—	10			±0.1	±1°									
120	315	±0.5	10	50			±0.2	±30'									
315	1000	±0.8	50	120			±0.6	±20'									
1000	2000	±1.2	120	—			±0.8	±10'									
2000	4000	±2	SURFACE ROUGHNESS VALUES														
4000	8000	±3	Ra IN MICRON MAX.														
8000	12000	±4	▽	▽	▽	▽	▽	▽									
12000	16000	±5	50	25	6.3	0.8	0.1										
GENERAL TOL. AS PER IS:2102 MEDIUM CLASS UNLESS OTHERWISE SPECIFIED																	

GENERAL TOL. AS PER IS:2102 MEDIUM CLASS UNLESS OTHERWISE SPECIFIED

10



DIMENSIONS ARE IN mm.			MATERIAL — AL ALLOY		आईनैस फैक्टरी अम्बाझरी	
THIRD ANGLE PROJECTION			GRADE 24345 (HE-15) AS PER IS:733-1983		ORDNANCE FACTORY AMBAJHARI	
SCALE — NTS			NOMENCLATURE		DRG. NO :	
2016	NAME	DATE	AL. CLAMP FOR AN-32 PLATFORM LOAD TESTING FIXTURE		BSF-217	
DRAWN	Raj	18-4-16			SHEET NO.— 1	
CHECKED					NO OF SHEETS— 1	
HOS/CDD	3/3P	18.4.16			OPERATION.—	
HOS/BS	18	18.4.16			COMPT. —	
APPVD.	MM/DC&BS	18.4.16	M/C : —			
			STORE: AN-32			

MATERIAL — AL ALLOY
GRADE 24345 (HE-15)
AS PER IS:733-1983

NOMENCLATURE

આઈગૅન્સ પૅવટરી અમ્બાઇરી

ORDNANCE FACTORY AMBAJHARI

DRG. NO. :

BSF-217

SHEET NO.- 1

NO. OF SHEETS- 1

OPERATION -

COMPT

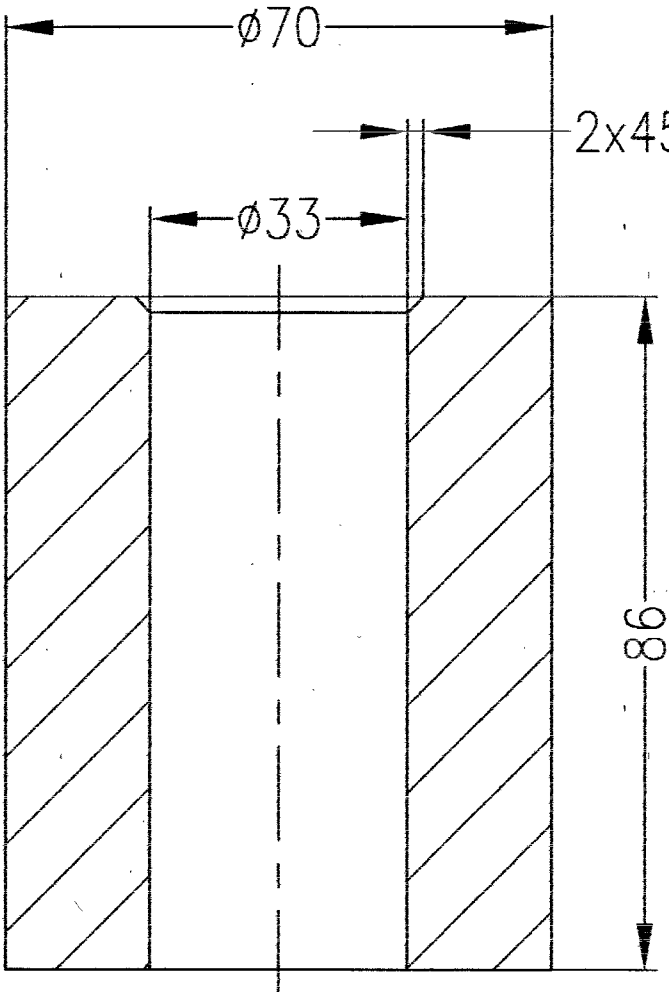
CONFIDENTIAL

DRG. NO.- BSF-218					A M E N D M E N T S		
REV		DATE		DESCRIPTION			SIGN

EXTRACT OF IS: 2102 (MEDIUM) & SURFACE ROUGHNESS VALUES							
LINER DIMENSIONS			ANGULAR DIMENSIONS				
ABOVE	UPTO & INCL.	TOL.	PERMISSIBLE VARIATION ON LENGTH OF SHORTER SIDE OF ANGLE			TOL.	
0.5	6	±0.1				mm	DEGREE
6	30	±0.2	ABOVE	UPTO & INCL.		PER 100mm	OR MINUTES
30	120	±0.3	—	10		±0.1	±1°
120	315	±0.5	10	50		±0.2	±30'
315	1000	±0.8	50	120		±0.6	±20'
1000	2000	±1.2	120	—		±0.8	±10'
2000	4000	±2	SURFACE ROUGHNESS VALUES				
4000	8000	±3	Ra IN MICRON MAX.				
8000	12000	±4	~	▽	▽▽	▽▽▽	▽▽▽▽
12000	16000	±5	50	25	6.3	0.8	0.1

GENERAL TOL. AS PER IS:2102 MEDIUM CLASS UNLESS OTHERWISE SPECIFIED							
---	--	--	--	--	--	--	--

17



DIMENSIONS ARE IN mm.				MATERIAL— IS:5517-93,55C8		आर्डेनैन्स फैक्टरी अम्बाझरी	
THIRD ANGLE PROJECTION						ORDNANCE FACTORY AMBAZHARI	
SCALE — 1:1				NOMENCLATURE		DRG. NO :	
2016		NAME		DATE		BSF-218	
DRAWN		Raj		18/4/16		SHEET NO.— 1	
CHECKED						NO OF SHEETS— 1	
HOS/CDD		3/SP		18.4.16		OPERATION.—	
HOS/BS		B		18.4.16		COMPT. —	
APPVD.		WM/DC&BS		18.4.16			
				M/C : —			
				STORE: AN-32			

DRG. NO.- BSF-219

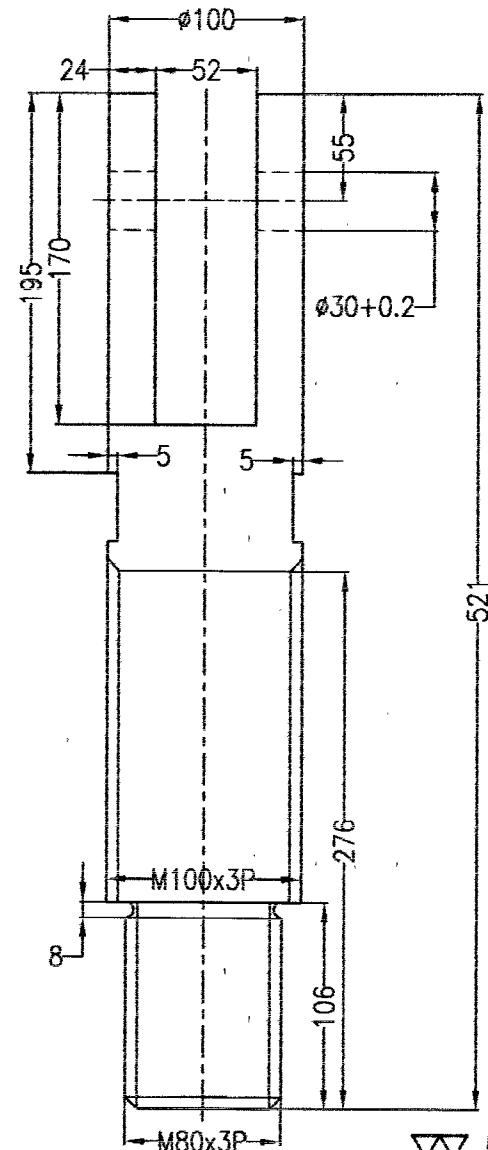
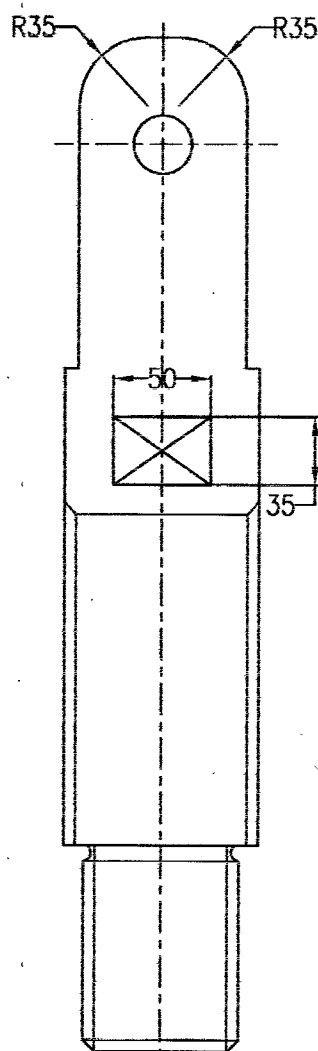
		A M E N D M E N T S		
REV	DATE	DESCRIPTION		SIGN

EXTRACT OF IS: 2102 (MEDIUM) & SURFACE ROUGHNESS VALUES

LINER DIMENSIONS			ANGULAR DIMENSIONS				
ABOVE	UPTO & INCL.	TOL.	PERMISSIBLE VARIATION ON LENGTH OF SHORTER SIDE OF ANGLE			TOL.	
0.5	6	±0.1				mm PER 100mm	DEGREE OR MINUTES
6	30	±0.2	ABOVE	UPTO & INCL.	±0.1	±1°	
30	120	±0.3	—	10	±0.2	±30'	
120	315	±0.5	10	50	±0.6	±20'	
315	1000	±0.8	50	120	±0.8	±10'	
1000	2000	±1.2	120	—	SURFACE ROUGHNESS VALUES Ra IN MICRON MAX.		
2000	4000	±2					
4000	8000	±3					
8000	12000	±4	▽	▽▽	▽▽▽	▽▽▽▽	
12000	16000	±5	50	25	6.3	0.8	0.1

GENERAL TOL. AS PER IS:2102 MEDIUM CLASS UNLESS OTHERWISE SPECIFIED

19



HRD. & TEMPD TO RC 45-48

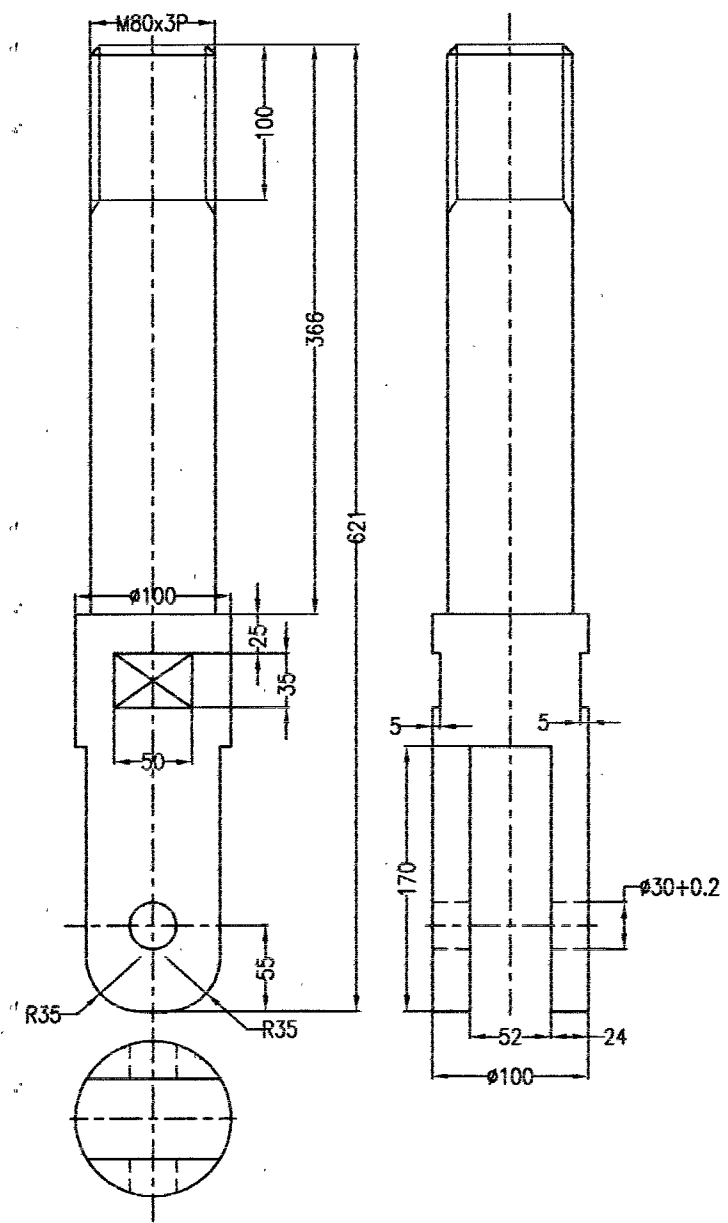
DIMENSIONS ARE IN mm.			MATERIAL — IS:5517-93,55C8		आईनैस फैक्टरी अम्बाझरी ORDNANCE FACTORY AMBAJHARI
THIRD ANGLE PROJECTION			NOMENCLATURE LOWER PULLEY HOLDER FOR AN-32 PLATFORM LOAD TESTING FIXTURE		
SCALE — NTS					DRG. NO : BSF-219
2016	NAME	DATE	M/C : — STORE: AN-32		SHEET NO.— 1
DRAWN	Raj.	18/4/16			NO OF SHEETS— 1
CHECKED					OPERATION.—
HOS/CDD	QSP	18.4.16			COMPT. —
HOS/BS	B	18.4.16			
APPVD.	WM/DC&BS	18.4.16			

DRG. NO.- BSF-220				REV		DATE		A M E N D M E N T S		SIGN	
								DESCRIPTION			
EXTRACT OF IS: 2102 (MEDIUM) & SURFACE ROUGHNESS VALUES											
LINER DIMENSIONS			ANGULAR DIMENSIONS								
ABOVE	UPTO & INCL.	TOL.	PERMISSIBLE VARIATION ON LENGTH OF SHORTER SIDE OF ANGLE			TOL.					
0.5	6	±0.1				mm PER 100mm	DEGREE OR MINUTES				
6	30	±0.2	ABOVE	UPTO & INCL.							
30	120	±0.3	—	10		±0.1	±1°				
120	315	±0.5	10	50		±0.2	±30'				
315	1000	±0.8	50	120		±0.6	±20'				
1000	2000	±1.2	120	—		±0.8	±10'				
2000	4000	±2	SURFACE ROUGHNESS VALUES								
4000	8000	±3	Ra IN MICRON MAX.								
8000	12000	±4	▽	▽	▽▽	▽▽▽	▽▽▽▽				
12000	16000	±5	50	25	6.3	0.8	0.1				

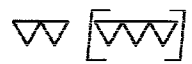
GENERAL TOL. AS PER IS:2102 MEDIUM CLASS UNLESS OTHERWISE SPECIFIED

GENERAL TOL. AS PER IS:2102 MEDIUM CLASS UNLESS OTHERWISE SPECIFIED

20



HRD. & TEMPD TO RC 45-48



DIMENSIONS ARE IN mm.			MATERIAL— IS:5517-93,55C8		आईनैन्स फैक्टरी अम्बाझरी	
THIRD ANGLE PROJECTION					ORDNANCE FACTORY AMBAJHARI	
SCALE — NTS			NOMENCLATURE		DRG. NO :	
2016	NAME	DATE	UPPER PULLEY HOLDER FOR AN-32 PLATFORM LOAD TESTING FIXTURE		BSF-220	
DRAWN	Raj	18/4/16			SHEET NO.— 1	
CHECKED					NO OF SHEETS— 1	
HOS/CDD	3/8P	18.4.16			OPERATION.—	
HOS/BS	A.	18.4.16	M/C : —		COMPT. —	
APPVD.	WM/DC&BS	18.4.16	STORE: AN-32			

DRG. NO.- BSF-221

A M E N D M E N T S

REV

DATE

DESCRIPTION

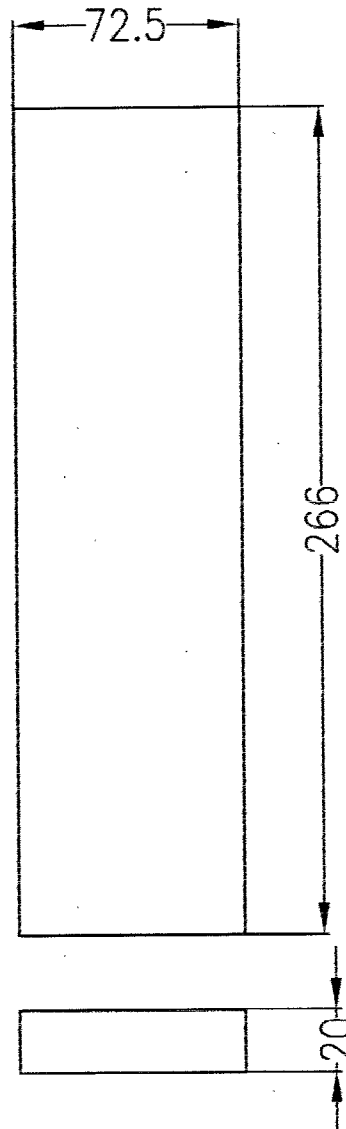
SIGN

EXTRACT OF IS: 2102 (MEDIUM) & SURFACE ROUGHNESS VALUES

LINER DIMENSIONS			ANGULAR DIMENSIONS			
ABOVE	UPTO & INCL.	TOL.	PERMISSIBLE VARIATION ON LENGTH OF SHORTER SIDE OF ANGLE		TOL.	
0.5	6	±0.1			mm PER 100mm	DEGREE OR MINUTES
6	30	±0.2	ABOVE	UPTO & INCL.		
30	120	±0.3	—	10	±0.1	±1°
120	315	±0.5	10	50	±0.2	±30'
315	1000	±0.8	50	120	±0.6	±20'
1000	2000	±1.2	120	—	±0.8	±10'
2000	4000	±2	SURFACE ROUGHNESS VALUES			
4000	8000	±3	Ra IN MICRON MAX.			
8000	12000	±4	▽	▽▽	▽▽▽	▽▽▽▽
12000	16000	±5	50	25	6.3	0.8
					0.1	

GENERAL TOL. AS PER IS:2102 MEDIUM CLASS UNLESS OTHERWISE SPECIFIED

24



DIMENSIONS ARE IN mm.

THIRD ANGLE PROJECTION

SCALE - NTS

2016 NAME DATE

DRAWN Raj 18/4/16

CHECKED

HOS/CDD BBP 18.4.16

HOS/BS R 18.4.16

APVD. WM/DC&BS 18.4.16

MATERIAL - AL ALLOY
GRADE 24345 (HE-15)
AS PER IS:733-1983

NOMENCLATURE

BASE SUPPORT PLATE
FOR AN-32 PLATFORM
LOAD TESTING FIXTURE

M/C : -

STORE: AN-32

ऑर्डनेन्स फैक्टरी अम्बाझरी

ORDNANCE FACTORY AMBAJHARI

DRG. NO :

BSF-221

SHEET NO.- 1

NO OF SHEETS- 1

OPERATION.-

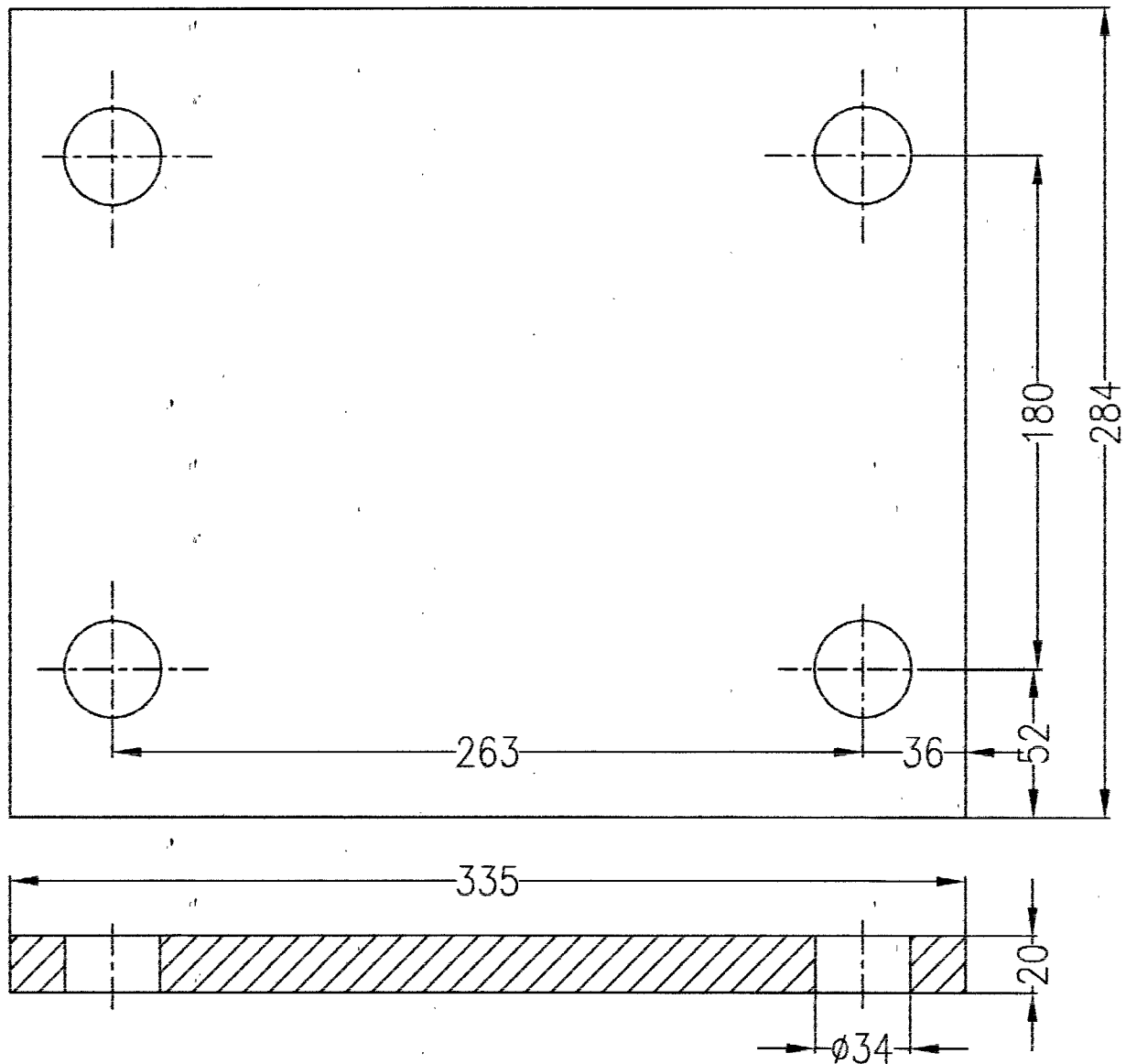
COMPT.

DRG. NO.- BSF-222				A M E N D M E N T S		
		REV	DATE	DESCRIPTION		SIGN
EXTRACT OF IS: 2102 (MEDIUM) & SURFACE ROUGHNESS VALUES						
LINER DIMENSIONS		ANGULAR DIMENSIONS				
ABOVE	UPTO & INCL.	TOL.	PERMISSIBLE VARIATION ON LENGTH OF SHORTER SIDE OF ANGLE		TOL.	
0.5	6	±0.1			mm PER 100mm DEGREE OR MINUTES	
6	30	±0.2	ABOVE	UPTO & INCL.		
30	120	±0.3	—	10	±0.1 ±1°	
120	315	±0.5	10	50	±0.2 ±30'	
315	1000	±0.8	50	120	±0.6 ±20'	
1000	2000	±1.2	120	—	±0.8 ±10'	
2000	4000	±2	SURFACE ROUGHNESS VALUES			
4000	8000	±3	Ra IN MICRON MAX.			
8000	12000	±4	▽	▽▽	▽▽▽	
12000	16000	±5	50	25	6.3 0.8 0.1	

GENERAL TOL. AS PER IS:2102 MEDIUM CLASS UNLESS OTHERWISE SPECIFIED

GENERAL TOL. AS PER IS:2102 MEDIUM CLASS UNLESS OTHERWISE SPECIFIED

33



▽ [▽▽]

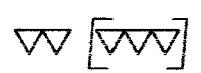
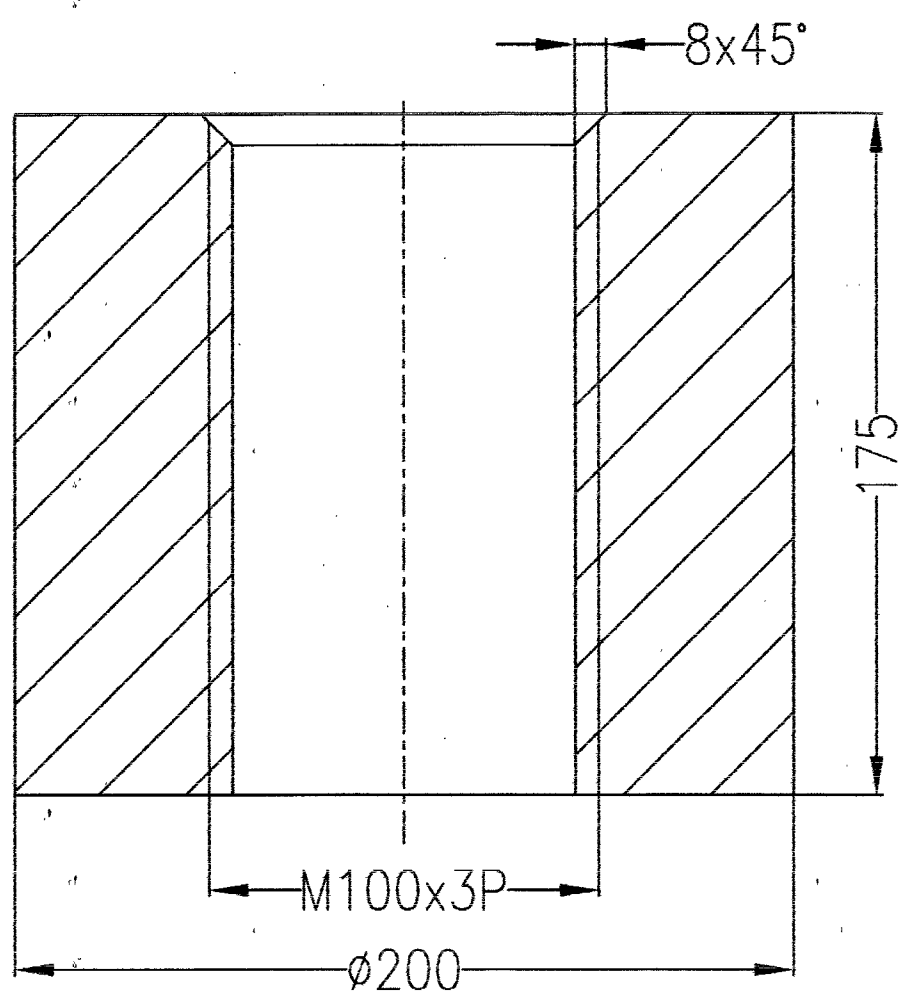
DIMENSIONS ARE IN mm.			MATERIAL — AL ALLOY GRADE 24345 (HE-15) AS PER IS:733-1983		आईनैन्स फैक्टरी अम्बाझरी ORDNANCE FACTORY AMBAJHARI
THIRD ANGLE PROJECTION					
SCALE — NTS			NOMENCLATURE		DRG. NO : BSF-222
2016	NAME	DATE	SUPPOT PLATE FOR AN-32 PLATFORM LOAD TESTING FIXTURE		
DRAWN	Raj	18/4/16			
CHECKED					
HOS/CDD	ZBP	18.4.16			
HOS/BS	B	18.4.16	M/C : —		SHEET NO.— 1
APPD.	WM/DC&BS	18.4.16	STORE: AN-32		NO OF SHEETS— 1
					OPERATION.—
					COMPT. —

DRG. NO.- BSF-223				A M E N D M E N T S		
REV	DATE	DESCRIPTION			SIGN	

EXTRACT OF IS: 2102 (MEDIUM) & SURFACE ROUGHNESS VALUES					
LINER DIMENSIONS			ANGULAR DIMENSIONS		
ABOVE	UPTO & INCL.	TOL.	PERMISSIBLE VARIATION ON LENGTH OF SHORTER SIDE OF ANGLE		TOL.
0.5	6	±0.1			
6	30	±0.2	ABOVE	UPTO & INCL.	
30	120	±0.3	—	10	±0.1
120	315	±0.5	10	50	±0.2
315	1000	±0.8	50	120	±0.6
1000	2000	±1.2	120	—	±0.8
2000	4000	±2	SURFACE ROUGHNESS VALUES		
4000	8000	±3	R _a IN MICRON MAX.		
8000	12000	±4	▽	▽▽	▽▽▽
12000	16000	±5	50	25	6.3

GENERAL TOL. AS PER IS:2102 MEDIUM CLASS UNLESS OTHERWISE SPECIFIED

34



DIMENSIONS ARE IN mm.			MATERIAL — AL ALLOY GRADE 24345 (HE-15) AS PER IS:733-1983		आईनैन्स फैक्टरी अम्बाझरी ORDNANCE FACTORY AMBAJHARI
THIRD ANGLE PROJECTION			NOMENCLATURE		
SCALE — NTS			AL. SUPPORT TO LOWER PULLEY HOLDER FOR AN-32 PLATFORM LOAD TESTING FIXTURE		DRG. NO : BSF-223
2016	NAME	DATE			SHEET NO.— 1
DRAWN	Raj				NO OF SHEETS— 1
CHECKED					OPERATION.—
HOS/CDD	33P	18.4.16			COMPT. —
HOS/BS		18.6.16			
APPVD.	WM/DC&BS	18.4.16	M/C : — STORE: AN-32		

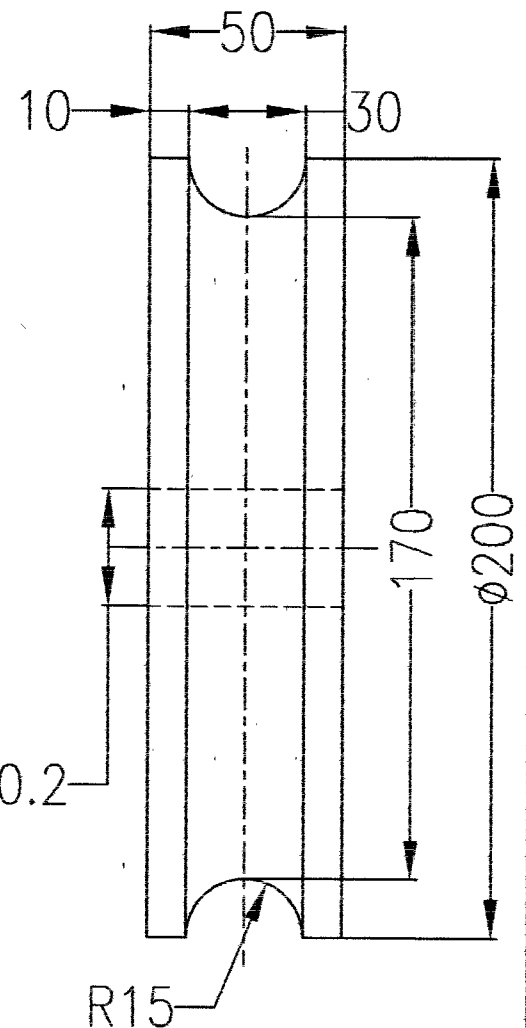
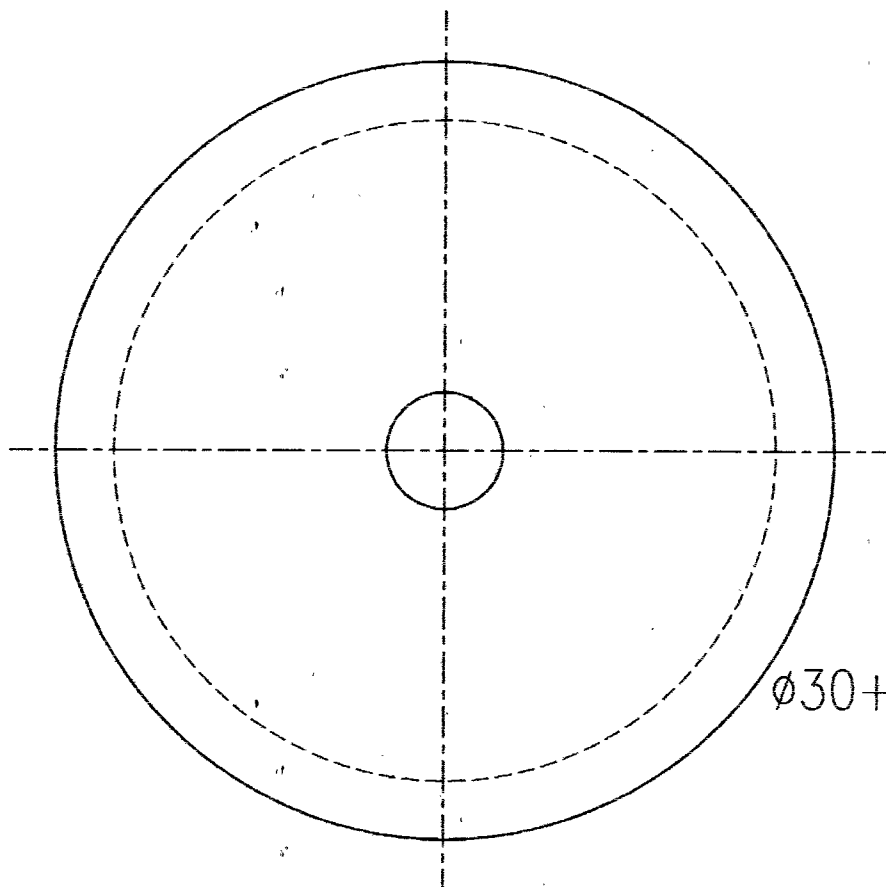
DRG. NO.- BSF-224

REV	DATE	AMENDMENTS	
		DESCRIPTION	SIGN

EXTRACT OF IS: 2102 (MEDIUM) & SURFACE ROUGHNESS VALUES					
LINER DIMENSIONS			ANGULAR DIMENSIONS		
ABOVE	UPTO & INCL.	TOL.	PERMISSIBLE VARIATION ON LENGTH OF SHORTER SIDE OF ANGLE		TOL.
0.5	6	±0.1	ABOVE	UPTO & INCL.	mm PER 100mm OR DEGREE OR MINUTES
6	30	±0.2	—	10	±0.1 ±1°
30	120	±0.3	—	—	—
120	315	±0.5	10	50	±0.2 ±30'
315	1000	±0.8	50	120	±0.6 ±20'
1000	2000	±1.2	120	—	±0.8 ±10'
2000	4000	±2	SURFACE ROUGHNESS VALUES		
4000	8000	±3	Ra IN MICRON MAX.		
8000	12000	±4	▽	▽▽	▽▽▽
12000	16000	±5	50	25	6.3 0.8 0.1

GENERAL TOL. AS PER IS:2102 MEDIUM CLASS UNLESS OTHERWISE SPECIFIED.

35



HRD. & TEMPD TO RC 45-50



DIMENSIONS ARE IN mm.			MATERIAL — AISI: H11		आईजीएस फैक्टरी अम्बाझरी ORDNANCE FACTORY AMBAJHARI
THIRD ANGLE PROJECTION			NOMENCLATURE STEEL BUSH FOR AN-32 PLATFORM LOAD TESTING FIXTURE		
SCALE — NTS					DRG. NO : BSF-224
2016	NAME	DATE	SHEET NO.— 1		
DRAWN	Raj	18/4/16			
CHECKED			NO OF SHEETS— 1		
HOS/CDD	BSF	18.4.16			
HOS/BS	BS	18.4.16	OPERATION.—		
APPVD.	WM/DC&BS	18.4.16			
			STORE: AN-32		COMPT.

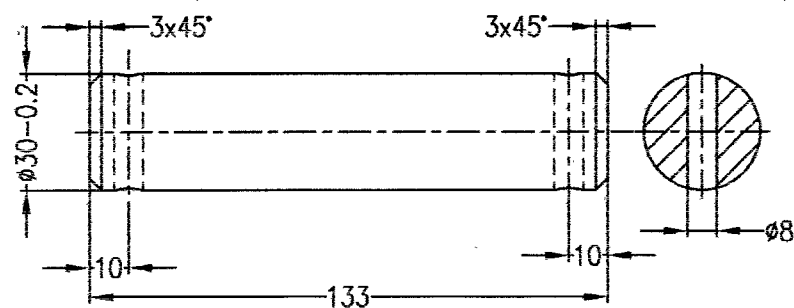
DRG. NO.- BSF-225				A M E N D M E N T S			
REV		DATE		DESCRIPTION		SIGN	

EXTRACT OF IS: 2102 (MEDIUM) & SURFACE ROUGHNESS VALUES									
LINER DIMENSIONS				ANGULAR DIMENSIONS					
ABOVE	UPTO & INCL.	TOL.	PERMISSIBLE VARIATION ON LENGTH OF SHORTER SIDE OF ANGLE				TOL.		
0.5	6	±0.1					mm PER 100mm	DEGREE OR MINUTES	
6	30	±0.2	ABOVE	UPTO & INCL.					
30	120	±0.3	—	10	±0.1	±1'			
120	315	±0.5	10	50	±0.2	±30'			
315	1000	±0.8	50	120	±0.6	±20'			
1000	2000	±1.2	120	—	±0.8	±10'			
2000	4000	±2	SURFACE ROUGHNESS VALUES Ra IN MICRON MAX.						
4000	8000	±3							
8000	12000	±4	▽	▽▽	▽▽▽	▽▽▽▽			
12000	16000	±5	50	25	6.3	0.8	0.1		

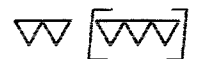
GENERAL TOL. AS PER IS:2102 MEDIUM CLASS UNLESS OTHERWISE SPECIFIED							
---	--	--	--	--	--	--	--

GENERAL TOL. AS PER IS:2102 MEDIUM CLASS UNLESS OTHERWISE SPECIFIED

36



HRD. & TEMPD TO RC 45-50



DIMENSIONS ARE IN mm.			MATERIAL— AISI: H11		आईनैन्स फैक्टरी अम्बाझरी ORDNANCE FACTORY AMBAJHARI
THIRD ANGLE PROJECTION			NOMENCLATURE SPINDLE FOR PULLEY OF AN-32 PLATFORM LOAD TESTING FIXTURE		
SCALE — NTS					DRG. NO : BSF-225
2016	NAME	DATE	SHEET NO.— 1		
DRAWN	Raj	18/4/16	NO OF SHEETS— 1		
CHECKED			OPERATION.—		
HOS/CDD	BSB	18.4.16	COMPT. —		
HOS/BS	R.	18.4.16			
APPVD.	WM/DC&BS	18.4.16	STORE: AN-32		