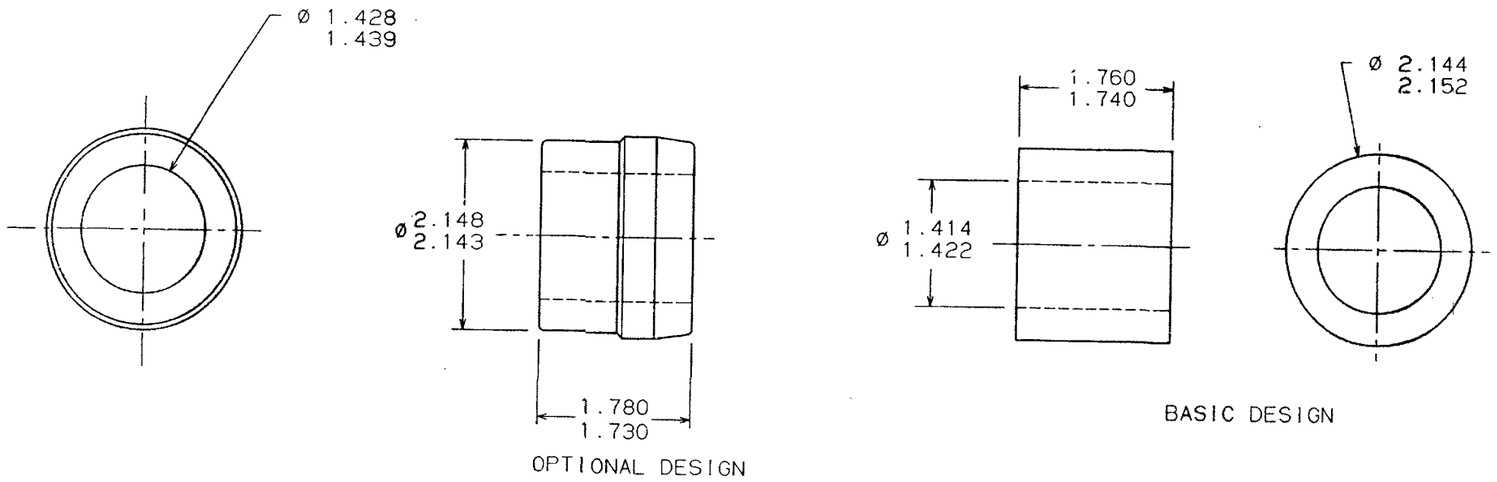
Signature Not Verified
Digitally signed by RAJESH KUMAR MISHRA
Date: 2026.06.15 15:36:42 IST
Reason: IREPS Document
Location: IREPS-CRIS

| Wt./ASSLY. | f-1 FINISH ROUGH | (01) ROUGH CLEANING | SURFACE ROUGHNESS VALUE TO IS: 3073 |
|---|---|---|---|
| Kg | f-10 FLAME CUT | (1B) CHAMFERED | |
| | | (01b) BURRS REMOVED | |

| GRADE NO | N1 | N2 | N3 | N4 | N5 | N6 | N7 | N8 | N9 | N10 | N11 | N12 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ra µm | .025 | .050 | 0.1 | 0.2 | 0.4 | 0.8 | 1.6 | 3.2 | 6.3 | 12.5 | 25 | 50 |
| SYMBOL | ▽▽▽▽ | | | ▽▽▽ | | | ▽▽ | | | ▽ | | – |

| ALT. NO. | ALTERATION | REASON | CHECKED BY SSE/VEH | VERIFIED BY ADE/BOGIE | APPROVED BY Dy.CDE/VEH |
|---|---|---|---|---|---|
| (d) | DRAWING REDRAWN | DRAWING MADE IN DLW FORMAT | Sd/- 23/03/10 | | Sd/- 23/03/10 |
| (e) | OEM PART NO ADDED | CORRECTION | Sd/- 01/02/13 | | Sd/- 01/02/13 |
| (f) | NOTE ADDED | QUALITY IMPROVEMENT | Sd/- 16/12/15 | | Sd/- 16/12/15 |
| (g) | NOTE 1 & 2 REVISED | CORRECTION | Sd/- 20/03/18 | | Sd/- 20/03/18 |
| (h) | SPECIFICATION AND WT/UNIT ADDED | UPGRADATION OF DRAWING | Sd/- 23/04/22 | Sd/- 23/04/22 | Sd/- 23/04/22 |
| (J) | 1. IS 1079 HR 2 CHANGED TO AISI 1010<br>2. NOTE REVISED<br>3.OEM DELETED | 1. CORRECTION<br>2.IS 1367 (PART 18) ADDED | 30/10/23 | 30/10/23 | |




(J)

## MATERIAL : AISI 1010

(I) TO ACHIEVE THE DESIRED PROPERTIES SUITABLE ALLOYING ELEMENTS MAY BE ADDED

(II) THE COLLAR SHALL HAVE SUFFICIENT DUCTILITY TO ENSURE CORRECT FITMENT

(III) COLLAR SHALL BE SUITABLY HEAT TREATED TO ACHIEVE INSTALLED MECHANICAL PROPERTIES

(J)

(f)

## NOTE: -

(J) (g) 1. IDENTIFICATION MARKING AND PACKING : IS 1367 ( PART 18)

INSTALLED DATA OF LOCK BOLT $1\frac{3}{8}$"

SHEARING ( MIN.)- 100,000 LBS

CLAMPING FORCE (MIN) -85,000 LBS

TENSILE (MIN) -129, 500 LBS

QTY /LOCO = 28

(J) (h)

| NO.OFF | DESCRIPTION & DIMENSION | ITEM | PART NO. | Wt./UNIT | MATERIAL | SPECIFICATION |
|---|---|---|---|---|---|---|
| 28 | COLLAR -1 3/8" | 1. | 17084301 | 1.01 LBS | LOW CARBON STEEL | AISI 1010 |
| | GROUP : GENERAL | | | SUPERSEDED BY | | |
| | | | | SUPERSEDES | | |

WDG4, WDP4

# COLLAR -1 3/8"

SCALE

VERIFIED. BY S.S.E. 30/10/23

PROJECTION

CHD

DRN. 30/10/23

ALT. d e f g h j

बरेका BANARAS LOCOMOTIVE WORKS VARANASI

PART NO. :17084301

DRG NO. : 40022911

THIS DRAWING IS A PROPERTY OF DLW/INDIAN RAILWAYS AND ANY UNAUTHORISED USE OF THE DRAWING WILL BE CONSIDERED ILLIGAL AND DLW/INDIAN RAILWAYS WILL HAVE RIGHT TO INITIATE LEGAL PROCEEDINGS AGAINST THE DEFAULTERS.

| Dy.CDE/VEH | ADE/Bogie | ASSLY. PART NO. |
|---|---|---|
| 30/10/23 | 30/10/23 | |

ALL DIMENSIONS ARE IN INCHES.

ISSUING AUTHORITY : SSE/RECORDS