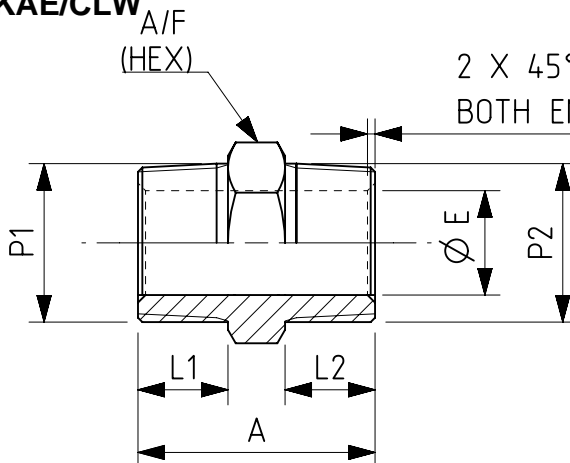
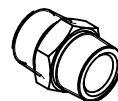


W
A/F
(HEX)








2 X 45° CHAMFER
BOTH ENDS



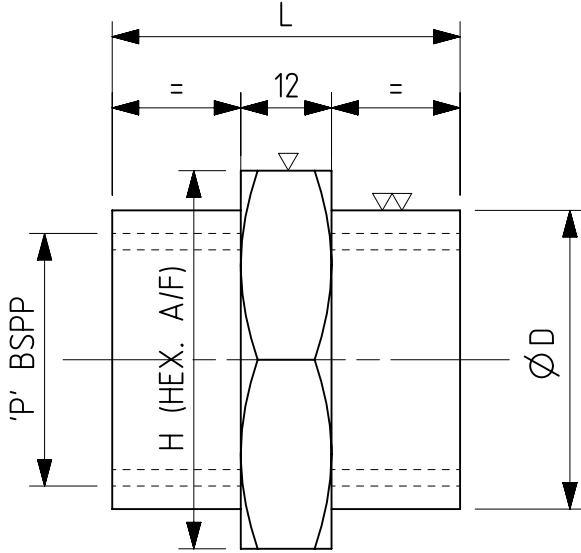
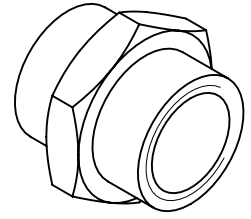
| SL. NO. | P1 MALE TAPER TO ISO 7/1 | P2 MALE TAPER THREAD TO ISO 7/1 | L1 | L2 | A | Ø E MIN. OPENING | A/F (HEX) |
|---------|-----------------------------------|--|------|------|------|------------------------|--------------|
| 1. | 1-1/4" | 1-1/4" | 23.8 | 23.8 | 62.7 | 27.6 | 46 |
| 2. | 3/4" | 3/4" | 19.1 | 19.1 | 46.9 | 15.9 | 28.5 |
| 3. | 1/2" | 3/8" | 19.1 | 14.2 | 41.3 | 7.1 | 22 |
| 4. | 1/2" | 1/2" | 19.1 | 19.1 | 46 | 10.4 | 22 |
| 5. | 1" | 3/4" | 23.8 | 19.1 | 52.4 | 15.9 | 36 |
| 6. | 3/8" | 3/8" | 14.2 | 14.2 | 34.9 | 7.1 | 19 |
| 7. | 3/4" | 1/2" | 19.1 | 19.1 | 47.6 | 10.4 | 28.5 |
| 8. | 3/8" | 1/4" | 14.2 | 14.2 | 34.9 | 4.8 | 19 |
| 9. | 1" | 1" | 23.8 | 23.8 | 60 | 15.9 | 36 |
| 10 | 1" | 3/4" | 23.8 | 19.1 | 100 | 15.9 | 36 |

USED FOR LOCO
WAG-9 / WAP-5

| | | | | | | | | |
|---------------------------|-----------------------|------------------|-------------|--------------------------------------|--------|--------|-----------|---------------------|
| <div>2</div> <div>1</div> | 10 | / | | NIPPLE 1'' TAPER x 3/4'' TAPER | | STEEL | ASTM A108 | |
| | 9 | / | | NIPPLE 1'' TAPER x 1'' TAPER | | STEEL | ASTM A108 | |
| | 8 | / | | NIPPLE 3/8'' TAPER x 1/4'' TAPER | | STEEL | ASTM A108 | |
| | 7 | / | | NIPPLE 3/4'' TAPER x 1/2'' TAPER | | STEEL | ASTM A108 | |
| | 6 | / | | NIPPLE 3/8'' TAPER x 3/8'' TAPER | | STEEL | ASTM A108 | |
| | 5 | / | | NIPPLE 1'' TAPER x 3/4'' TAPER | | STEEL | ASTM A108 | |
| | 4 | / | | NIPPLE 1/2'' TAPER x 1/2'' TAPER | | STEEL | ASTM A108 | |
| | 3 | / | | NIPPLE 1/2'' TAPER x 3/8'' TAPER | | STEEL | ASTM A108 | |
| | 2 | / | | NIPPLE 3/4'' TAPER x 3/4'' TAPER | | STEEL | ASTM A108 | |
| | 1 | / | | NIPPLE 1 1/4'' TAPER x 1 1/4'' TAPER | | STEEL | ASTM A108 | |
| निर्देश संख्या | लागत एवं वितरण संख्या | अंग आरेखण संख्या | वर्णन | | मात्रा | पदार्थ | विशिष्टि | प्रति भार कि. ग्रा. |
| REF. NO. | C&D NO. | PART DRG. NO. | DESCRIPTION | | QTY. | MATL | SPECN | WT. EACH IN K.G. |

| | | | | | | | | | | | | | | | | | |
|--|---|---|--------------------------------|---|--|--|---|-----------------------------|---------------------------------------|---|-------------|-------------|------------------------------------|---|----------------|--------|----|
| 3 | | REDRAWN IN NX WITH 3RD ANGLE PROJECTION | 30-07-20 | अधिकृत DGN |  <div>चितरंजन रेलइंजन कारखाना CHITTARANJAN LOCOMOTIVE WORKS, INDIA</div> | | | | | | | | | | | | |
| 2 | DY.CEE/P ROJ/CON | SL. NO. 10 ADDED | 16-07 | जॉचा व.अ.अ. CHD SSE | | SUBHAN KAR KUMBHA KAR | Digitally signed by SUBHAN KAR DN: cn=SUBHAN KAR, o=CLW, ou=CLW, email=SUBHAN.KAR@clw.co.in, c=IN, Date: 2021.01.02 11:40:24 +05'30' | | | | | | | | | | |
| 1 | AME/DII | SL. NO. 9 & WAF5 ADDED. | | | | | | | | | | | | | | | |
| परिवर्तन संख्या ALT.NO. | प्राधिकार AUTHY | वर्णन DESCRIPTION | दिनांकित आधार DATED INITIAL | समीक्षित स.वि.अ. / व.वि.अ. REVIEWED AEE / SEE | Pradeep P Khatana | Digitally signed by Pradeep Khatana DN: cn=Pradeep Khatana, o=CLW, ou=CLW, email=PRADEEP.KHATANA@clw.co.in, c=IN, Date: 2021.07.13 11:07:38 +05'30' | पदार्थ MATL | STEEL | प्रति भार कि. ग्रा. WT. EACH IN KG | | | | | | | | |
| | | | | | | | विशिष्ट SPECN | ASTM A108 | | | | | | | | | |
| सतह - रूखाता का मान मा. मा. 3073 / अ. मा. सं. 1302 | | अनिर्दिष्ट सह - सीमा मा. मा. : 2102 / अ. मा. सं. : 2768 | | TOL. CLS. | अनुमोदित उ.मु.वि.अ. | SYAMA PRASAD PATRA | Digitally signed by SYAMA PRASAD PATRA DN: cn=SYAMA PRASAD PATRA, o=CLW, ou=CLW, email=SYAMA.PRASAD.PATRA@clw.co.in, c=IN, Date: 2021.08.15 13:44:39 +05'30' | वर्णन | | | | | | | | | |
| SURFACE ROUGHNESS VALUE TO IS:3073 / ISO:1302 | | UNSPECIFIED TOLERANCE TO IS : 2102 / ISO : 2768 | | | APPROVED DYCEE | | | DESCRIPTION | NIPPLE (TAPER x TAPER) | | | | | | | | |
| | | धातु-वेल्डन चिन्ह मा. मा. : 813 / अ. मा. सं. : 2553 | | | दिनांक DATE | 22-09-20 | | | | | | | | | | | |
| | | WELDING SYMBOLS TO IS:813 / ISO:2553 | | | रेखिक अनुपात SCALE | 1:2 | | आरेखण संख्या DRAWING NO. | 1209-18.406-209 | | | | | | | | |
| पदांक GRADE NO. | सं1 N1 | सं2 N2 | सं3 N3 | सं4 N4 | सं5 N5 | सं6 N6 | सं7 N7 | सं8 N8 | सं9 N9 | सं10 N10 | सं11 N11 | सं12 N12 | | | | | |
| Rz | 0.16-0.3 | 0.5-0.7 | 0.9-1.1 | 1.5-2.0 | 2.5-3.8 | 5.0-6.3 | 9.0-12 | 16-25 | 30-40 | 50-63 | 75-100 | 160-250 | | | | | |
| Ra μm | 0.025 | 0.05 | 0.1 | 0.2 | 0.4 | 0.8 | 1.6 | 3.2 | 6.3 | 12.5 | 25 | 50 | | | | | |
| चिन्ह SYMBOL |  | | |  | | |  | | |  | | | | | | | |
| संदर्भ / REF. | | | | | | | | | | | | | 182-00424 ALT.-0 | | | | |
|   | | | | | | | | | | | | | परिवर्तन संख्या ALTERATION. NO. | 3 | पृष्ठ SHEET | 1 OF 1 | A4 |

4983519/2026/O/o Dy.CEE/DKAE/CLW











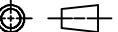
| SL. NO. | Ø D | L | P | 'H' A/F |
|---------|------|----|--------|---------|
| 1 | 39.5 | 46 | 1" | 50 |
| 2 | 49 | 51 | 1-1/4" | 58 |

NOTES:-

1. REMOVE ALL BURRS, SHARP EDGES AND CORNERS.
2. ALL DIMENSIONS ARE IN MM EXCEPT OTHERWISE STATED
3. GENERAL TOLERANCE ON DIMENSIONS
 - a) BELOW 25 mm: $\begin{matrix} +0.5 \\ -0.0 \end{matrix}$
 - b) ABOVE 25 mm: $\begin{matrix} +1 \\ -0 \end{matrix}$ EXPECT 'P'
4. ISO 228/1 FOR PARALLEL & ISO 7/1 FOR TAPER THREAD RESPECTIVELY.
5. SOCKETS ARE TO BE MACHINED FROM FROGED BLANKS AND ZINC PASSIVATED (10μ).

USED FOR LOCO- WAG9

| | | | | | | | |
|----------------|-----------------------|------------------|------------------------|--------|--------|-----------|---------------------|
| 2 | | | HEX.SOCKET 1 1/4" BSPP | 4 | STEEL | ASTM A108 | |
| 1 | | | HEX.SOCKET 1" BSPP | 4 | STEEL | ASTM A108 | |
| निर्देश संख्या | लागत एवं वितरण संख्या | अंग आरेखण संख्या | वर्णन | मात्रा | पदार्थ | विशिष्टि | प्रति भार कि. ग्रा. |
| REF. NO. | C&D NO. | PART DRG. NO. | DESCRIPTION | QTY. | MATL | SPECN | WT. EACH IN K.G. |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|--|---|-----------|--|-----------|---|-----------|---|-----------|---|-------------|---|-------------|---|--|---|--|--|--|------------------------------------|--|--------|--|---------------|--|--------|--|----|--|
| | | | | | | | | | | | | अधिकृत DGN | | - | |  चितरंजन रेलइंजन कारखाना CHITTARANJAN LOCOMOTIVE WORKS, INDIA | | | | | | | | | | | | | |
| 1 | | - | | REDRAWN IN NX WITH 3RD ANGLE PROJECTION. | | | | | | 04-08-16 | | जॉचा व.अ.अ. CHD SSE | | ALOKE KUMAR CHAKRA BORTY <small>Digitally signed by ALOKE KUMAR CHAKRA BORTY Date: 2020.11.10 16:24:25 +05'30'</small> | | पदार्थ MATL | | प्रति भार कि. ग्रा. WT. EACH IN KG | | | | | | | | | | | |
| परिवर्तन संख्या ALT.NO. | | प्राधिकार AUTHY | | वर्णन DESCRIPTION | | | | | | दिनांक आश्रय DATED INITIAL | | समीक्षित स.वि.अ. / व.वि.अ. REVIEWED AEE / SEE | | Pradeep Khatang <small>Digitally signed by Pradeep Khatang Date: 2020.11.23 13:12:55 +05'30'</small> | | विशिष्टि SPECN | | | | | | | | | | | | | |
| सतह - रूखाता का मान मा. मा. 3073 / अ. मा. सं. 1302 <small>SURFACE ROUGHNESS VALUE TO IS:3073 / ISO:1302</small> | | | | अनिर्दिष्ट सद्य - सीमा मा. मा. : 2102 / अ. मा. सं. : 2768 UNSPECIFIED TOLERANCE TO IS : 2102 / ISO : 2768 | | | | | | TOL. CLS. | | अनुमोदित उ.पु.वि.अ. APPROVED DYCEE | | ARUP KUMAR MITRA <small>Digitally signed by ARUP KUMAR MITRA Date: 2020.11.23 17:21:59 +05'30'</small> | | वर्णन | | HEX SOCKET (BSPP) | | | | | | | | | | | |
| पदांक GRADE NO. | | सं1 N1 | सं2 N2 | सं3 N3 | सं4 N4 | सं5 N5 | सं6 N6 | सं7 N7 | सं8 N8 | सं9 N9 | सं10 N10 | सं11 N11 | सं12 N12 | दिनांक DATE | | 15-09-20 | | DESCRIPTION | | | | | | | | | | | |
| Rz | | 0.16-0.3 | | 0.5-0.7 | | 0.9-1.1 | | 1.5-2.0 | | 2.5-3.8 | | 5.0-6.3 | | 9.0-12 | | 16-25 | | 30-40 | | 50-63 | | 75-100 | | 160-250 | | | | | |
| Ra μ m | | 0.025 | | 0.05 | | 0.1 | | 0.2 | | 0.4 | | 0.8 | | 1.6 | | 3.2 | | 6.3 | | 12.5 | | 25 | | 50 | | | | | |
| चिन्ह SYMBOL | |  | |  | |  | |  | |  | |  | |  | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | संदर्भ / REF. | | | |  | | परिवर्तन संख्या ALTERATION. NO. | | 1 | | पर्ण SHEET | | 1 OF 1 | | A4 | |
| | | | | | | | | | | | | | | 182-00349 | | ALT. - | | | | | | | | | | | | | |