

ITI LIMITED

Bangalore Plant

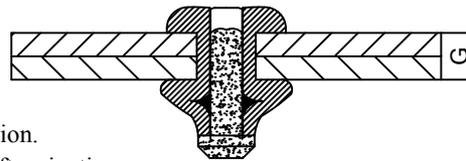
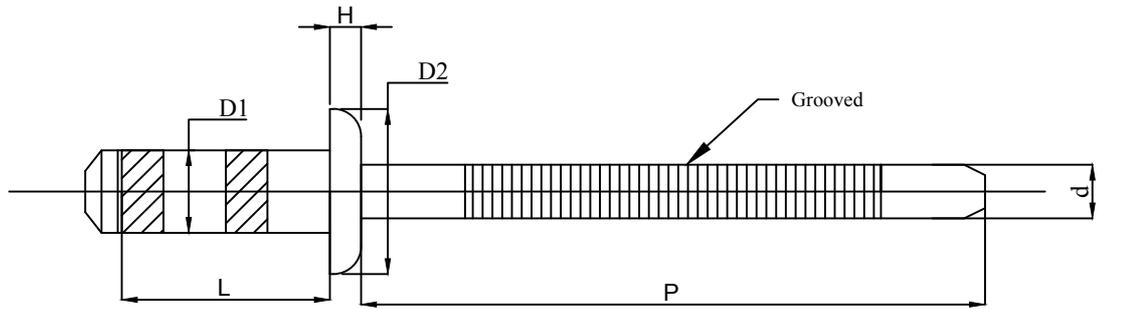
(A Govt. of India Undertaking)
Dooravaninagar. P. O. Bengaluru – 560016
www.itiltd.in

**ITI LIMITED, BANGALORE PLANT INVITES BID THROUGH GeM for
“Procurement of Bulb Rivets.”**

[Two Bid System]

ANNEXURE-A – TECHNICAL SPECIFICATIONS & DRAWINGS

| Sl.No | Item Code | Items Description | Make | Qty (Nos) |
|-------|-----------------|---|---|-----------|
| 1 | DD6D6000005NSA2 | Semistructural Dome head Blind Bulb Rivet , Steel-Zn plated(Body)-Steel- Zn Plated(Mandrel)- Size 4 x 10 Grip range 3 to 5 mm. (Refer drawing below) | 1. AVLOCK INTERNATIONAL INDIA.PVT. LTD 2. HORIZON INC. 3. INNOVATIVE SYSTEMS 4. JC GUPTA & SONS 5. MVD Fasteners 6. LPS Bossard Pvt. Ltd. 7. ROYAL INDUSTRIAL SUPPLIERS | 88 |
| 2 | DD6D6000006NSA2 | Semi Structural Dome head Blind Bulb Rivet , Steel-Zn plated(Body)-Steel- Zn Plated(Mandrel)- Size 4.8 x 12 Grip range 3.5 to 6mm. (Refer drawing below) | 1. AVLOCK INTERNATIONAL INDIA.PVT. LTD 2. HORIZON INC. 3. INNOVATIVE SYSTEMS 4. JC GUPTA & SONS 5. MVD Fasteners 6. LPS Bossard Pvt. Ltd. 7. ROYAL INDUSTRIAL SUPPLIERS | 142 |
| 3 | DD6D6000007NSA2 | Semi Structural Dome head Blind Bulb Rivet , Steel-Zn plated(Body)-Steel- Zn Plated(Mandrel)- Size 4.8 x 14 Grip range 6 to 8.5mm. (Refer drawing below) | 1. AVLOCK INTERNATIONAL INDIA.PVT. LTD 2. HORIZON INC. 3. INNOVATIVE SYSTEMS 4. JC GUPTA & SONS 5. MVD Fasteners 6. LPS Bossard Pvt. Ltd. 7. ROYAL INDUSTRIAL SUPPLIERS | 42 |

**Key features:**

1. Retained Stem i.e, Positive and sufficient mandrel retention.
2. High Clamp-up, Rigid clamping, completed formation after riveting.
3. Large blind side bearing area / foot print.
4. For use in heavy duty applications.
5. Riveting by using standard riveting gun.

1. SPECIFICATIONS

| Detail | Rivet Dia (D1} | Length(L) | Grip Range(G) | Domed Head Dia(D2) | Head Height(H) | Mandrel Dia(d) | Mandrel length(P) | Drill Dia |
|--------|----------------|-----------|---------------|--------------------|----------------|----------------|-------------------|-----------|
| 1 | 4.0 | 10 ± 1 | 3.0 - 5.0 | 8 ± 1 | 1.5 ± 0.2 | 2.6 ± 0.2 | 30 ± 5 | 4.2 ± 0.1 |

2. MECHANICAL PROPERTIES

| Property | Requirement(min) |
|------------------|------------------|
| | D1= 4.0 mm |
| Tensile Strength | 2.00 KN |
| Shear strength | 2.00 KN |

3. MATERIAL USED

| | BODY | MANDREL |
|----------|-------------|-------------|
| MATERIAL | STEEL | STEEL |
| FINISH | ZINC PLATED | ZINC PLATED |

Make and part no. shall be as below,

| MAKE | PART CODE FOR DET.1 | PART CODE FOR DET.2 | PART CODE FOR DET.3 |
|-----------------|---|---|---|
| AVDEL(STANLEY) | 0BN01-00512 (AVIBULB) | 0BN01-00614 (AVIBULB) | 0BN01-00618 (AVIBULB) |
| AVLOCK | HBS44-14010GG (HYDRABULB) | HBS44-14811GG (HYDRABULB) | HBS44-14814GG (HYDRABULB) |
| GEOBEL | SBS-0512-GB (GO-BULB) (Semistructural Blind Rivet) | SBS-0614-GB (GO-BULB) (Semistructural Blind Rivet) | SBS-0618-GB (GO-BULB) (Semistructural Blind Rivet) |
| TITONAX RIVELIT | E MH TP ACAC 4012 (Riv-Elit) (High Strength steel Breakstem Rivet) | E MH TP ACAC 4814 (Riv-Elit) (High Strength steel Breakstem Rivet) | E MH TP ACAC 4817 (Riv-Elit) (High Strength steel Breakstem Rivet) |
| PATTA | HK-LOK,High Strength Blind Rivet, Steel/Steel Dome Head, size 4.0X10mm(L), Grip range 3.0-5.0mm | HK-LOK,High Strength Blind Rivet, Steel/Steel Dome Head, size 4.8X12mm(L), Grip range 3.5-6.0mm | HK-LOK,High Strength Blind Rivet, Steel/Steel Dome Head, size 4.8X14.5mm(L), Grip range 6.0-8.5mm |

ALL DIMENSIONS ARE IN 'mm'

TOLERANCES TO RULING NO. 16

ASCON 42U Rack.

Note:

1. Vendor shall ensure offer, supply as per above Make & part nos.
2. Sample to be submitted along with catalogue, technical data sheet for approval during enquiry stage, before bulk procurement stage.
3. In case of order, NABL certificate to be provided for Tensile and Shear strength.

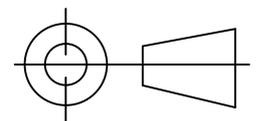
Semistructural Dome head Blind Bulb Rivet ,
Steel-Znplated(Body)-Steel-ZnPlated(Mandrel)-
Size 4 X 10 Grip range 3 to 5 mm

DRN

TRD.

CHKD

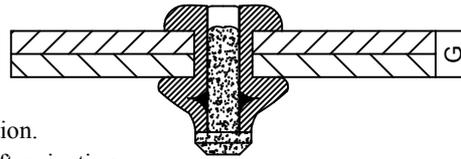
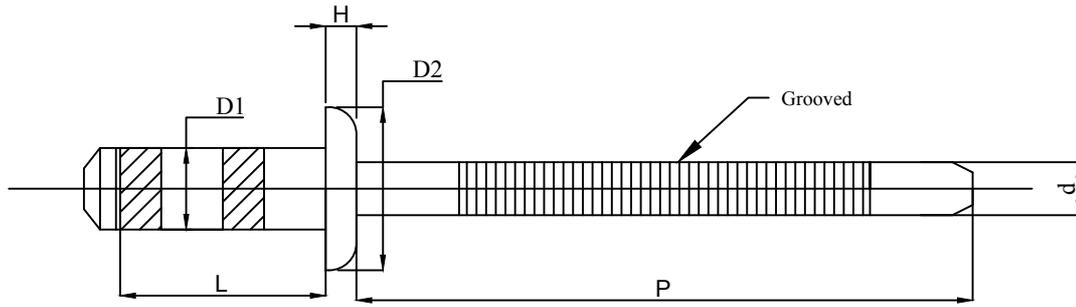
APP.



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ITI LIMITED
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Key features:

1. Retained Stem i.e, Positive and sufficient mandrel retention.
2. High Clamp-up, Rigid clamping, completed formation after riveting.
3. Large blind side bearing area / foot print.
4. For use in heavy duty applications.
5. Riveting by using standard riveting gun.

1. SPECIFICATIONS

| Detail | Rivet Dia (D1} | Length(L) | Grip Range(G) | Domed Head Dia(D2) | Head Height(H) | Mandrel Dia(d) | Mandrel length(P) | Drill Dia |
|--------|----------------|-----------|---------------|--------------------|----------------|----------------|-------------------|-----------|
| 1 | 4.8 | 12 ± 1 | 3.5 - 6.0 | 9.6 ± 1 | 1.5 ± 0.2 | 3.2 ± 0.2 | 30 ± 5 | 5.0 ± 0.1 |

2. MECHANICAL PROPERTIES

| Property | Requirement(min) |
|------------------|------------------|
| | D1= 4.8mm |
| Tensile Strength | 3.00 KN |
| Shear strength | 3.00 KN |

3. MATERIAL USED

| | BODY | MANDREL |
|----------|-------------|-------------|
| MATERIAL | STEEL | STEEL |
| FINISH | ZINC PLATED | ZINC PLATED |

Make and part no. shall be as below,

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| AVLOCK | HBS44-14010GG (HYDRABULB) | HBS44-14811GG (HYDRABULB) | HBS44-14814GG (HYDRABULB) |
| GEOBEL | SBS-0512-GB (GO-BULB) (Semistructural Blind Rivet) | SBS-0614-GB (GO-BULB) (Semistructural Blind Rivet) | SBS-0618-GB (GO-BULB) (Semistructural Blind Rivet) |
| TITONAX RIVELIT | E MH TP ACAC 4012 (Riv-Elit) (High Strength steel Breakstem Rivet) | E MH TP ACAC 4814 (Riv-Elit) (High Strength steel Breakstem Rivet) | E MH TP ACAC 4817 (Riv-Elit) (High Strength steel Breakstem Rivet) |
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TOLERANCES TO RULING NO. 16

ASCAN 42U Rack.

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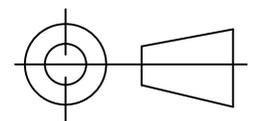
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Size 4.8 X 12 Grip range 3.5 to 6mm

DRN

TRD.

CHKD

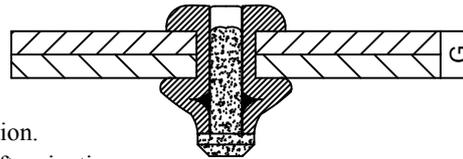
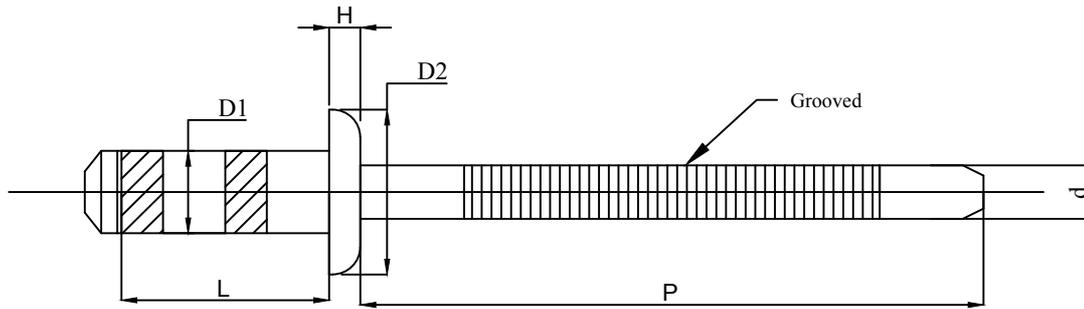
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| Detail | Rivet Dia (D1} | Length(L) | Grip Range(G) | Domed Head Dia(D2) | Head Height(H) | Mandrel Dia(d) | Mandrel length(P) | Drill Dia |
|--------|----------------|-----------|---------------|--------------------|----------------|----------------|-------------------|-----------|
| 1 | 4.8 | 14 ± 1 | 6.0 - 8.5 | 9.6 ± 1 | 1.5 ± 0.2 | 3.2 ± 0.2 | 30 ± 5 | 5.0 ± 0.1 |

2. MECHANICAL PROPERTIES

| Property | Requirement(min) |
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| | D1= 4.8mm |
| Tensile Strength | 3.00 KN |
| Shear strength | 3.00 KN |

3. MATERIAL USED

| | BODY | MANDREL |
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| FINISH | ZINC PLATED | ZINC PLATED |

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ALL DIMENSIONS ARE IN 'mm'

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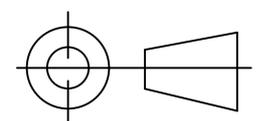
ASCON 42U Rack.

Note:

1. Vendor shall ensure offer, supply as per above Make & part nos.
2. Sample to be submitted along with catalogue, technical data sheet for approval during enquiry stage, before bulk procurement stage.
3. In case of order, NABL certificate to be provided for Tensile and Shear strength.

Semi Structural Dome head Blind Bulb Rivet ,
Steel-Znplated(Body)-Steel-ZnPlated(Mandrel)-
Size 4.8 X 14 Grip range 6 to 8.5mm

| | | | |
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| DRN | | | |
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ANNEXURE-B- TERMS & CONDITIONS

1. Scope of Work includes Supply of Items as mentioned.
2. Vendor shall ensure offer, supply as per above Make & part nos.
3. Sample to be submitted along with catalogue, technical data sheet for approval during enquiry stage, before bulk procurement stage.
4. In case of order, NABL certificate to be provided for Tensile and Shear strength.
5. **Payment Terms:** 100% after delivery with 60 days credit.
6. **Delivery Period:** 15 days from the Date of Contract Order.
7. Samples to be supplied for Approval before bulk order.
8. Disputes if any will be within the Jurisdiction of Bangalore, Karnataka State, India.
9. **Terms of price:** DAP, ITI Ltd Bangalore.
10. Duties & Taxes: if any may be indicated.
11. MSME certificate shall be submitted if applicable.
12. All offers should be complete with specification /catalogue (English only).
13. Validity: Quotations should be valid for a period of 180 days from the due date of tender. Once quotation is accepted and order is confirmed, the price must remain same till the completion of the order.
14. 3 invoices of the original should be submitted along with supply. The invoice must have ITI Item code, Make & Part Number.
15. **Inspection:** Inspection of goods at our work is final. Goods rejected will be returned on freight to pay basis. Packing & forwarding charges in respect of such consignment will be debited to your account.
16. Materials should be as per our specification and requirement only.
17. We reserve the right to accept or reject any or all offers and order part or full quantity, without assigning any reason.
18. The quote must be for the quantity specified in the the Bid document.
19. Specification and drawings must be complied as per this RFP.
20. Please specify your income tax account number and Name of I.T circle.
21. Liquidated Damages and risk purchase clauses: Time is the essence of contract and the materials against the order arising out of this enquiry must be delivered by the supplier according to the delivery schedule indicated in the purchase order. In case of any change, the supplier should inform us in advance and obtain approval to the revised delivery schedule should the supplier fail to deliver the material in full/ part thereof, we shall be entitled at our option either to recover from the supplier as agreed the liquidated damages and not as penalty, a sum equivalent to half percent of the contract price of the item per week of such delay or part thereof subject to maximum of 5% of the contract price of the item delayed or to terminate the contract in respect of balance quantity so delayed and purchase material elsewhere at the risk of supplier.
22. For Indigenous offers only:
 - a. Prices should always be quoted on FOR ITI Limited, Bangalore basis including suitable packing and unloading of materials at M/s ITI Limited, Bangalore.
 - b. Specify GST and other charges if any. In absence of these, the prices shall be treated as inclusive of all such taxes and other charges & no subsequent claims will be entertained.
23. Any clarifications regarding the tender can be obtained from below person.

SRINIVASA MURTHY T - Dy. MANAGER,
ITI Limited, Bangalore Plant, Karnataka,
Email: srinivas_bgp@itiltd.co.in

Note: Compliance to the Annexure – A and B from the Bidders on Letter Head is mandatory and to submitted along with the bid documents

- a. Supply to be provided must be as per this GeM bid. Point- wise Compliance of this bid along with Annexure-A, Annexure-B and Buyer Added Bid Specific ATC (Additional Terms & Condition) must be signed and sealed by Competent Authority of the bidder and to be submit along with this Bid for technical evaluation.
- b. Buyer Added Bid Specific ATC will and GeM T&C will prevail.
- c. Failure to adhere to any of the above will disqualify the offer.
- d. In addition to General T&C of GeM, the GeM Contract/ Purchase Order will be governed by this GeM bid document along with buyer added bid specific ATC.