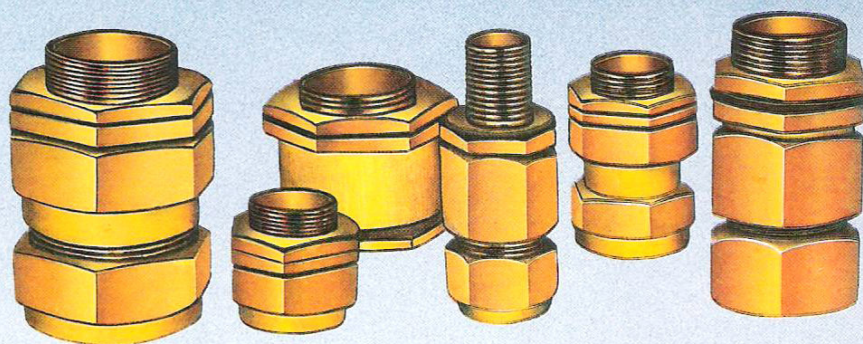


Gripwel

BRASS
CABLE
GLANDS



GRIPWEL CABLE GLANDS

INTRODUCTION :

Allied Traders & Exporters is recognised as one of the India's leading manufacturers of various types of Cable Glands and accessories. We have been providing service to our valued customers to their entire satisfaction for over 15 years. Our engineering background together with extensive experience has helped us to provide a better service to a wide range of Industry in both hazardous and non-hazardous area Electrical Installations.

Our devotion to quality in the interest of our customers has already been recognised by the following prestigious Clients.

Spie Capag NKK Toyo Consortium, Mitsui & Co Ltd., Uri Civil Contractor AB., Siemens Ltd., Asea Brown Boveri Ltd., L&T Ltd., B.S.E.S. Ltd., B.H.E.L., N.T.P.C., B.P.C.L., I.O.C., H. Petroleum Corp. Ltd., N.J.J.V., N.F.L., Cimmco International, Birla Cement Works, J.K. Synthetics Ltd., J.K. Industries Ltd., J.K. Cement Works & Instrumentation Ltd.

TECHNICAL DATA :

Gripwel Cable Glands are designed, manufactured and tested to the requirements of B.S. 6121, any deviation due to technological design reasons complies with the minimum test requirements of this standard. Our Flame Proof Cable Glands are manufactured in accordance with IS-2148-1981 and are approved by Central Mining Research Station, Dhanbad.

MATERIAL & FINISH :

All types of Cable Glands are manufactured in brass as standard, alternative materials include Aluminium, Stainless steel and mild steel. Brass Cable Glands are generally Nickel plated also other plated finishes e.g. Zinc, Cadmium, Tin can be provided on specific request.

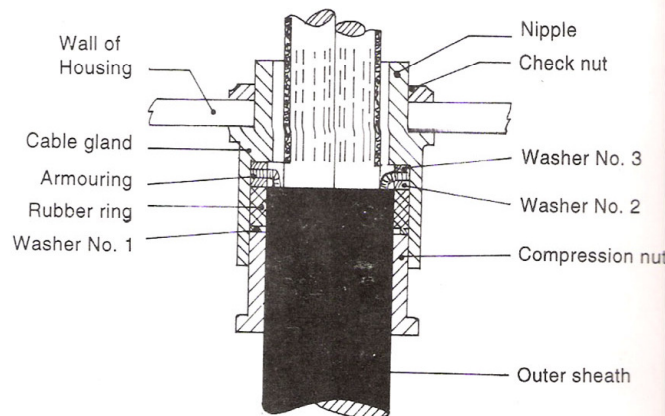
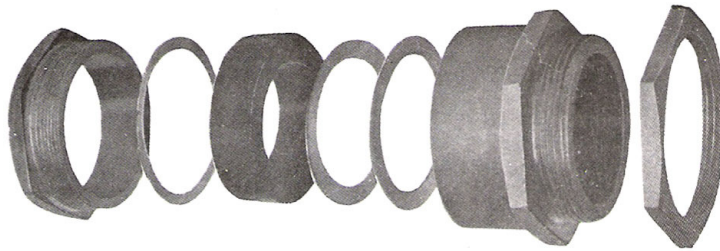
ENTRY THREADS :

Glands are normally supplied with British Standard Conduit Imperial threads (BS 31). Other entry thread forms available are PG as per DN 40430, Metric as per BS 3643, NPT as per B.2.1, BSP as per BS 2779.

GLAND SELECTION & ORDERING.

- a) Decide requirements i.e. Single Compression, Double Compression Weather Proof type, Double Compression Flame Proof type depending upon the conditions of the end use and the types of cables used.
- b) Check entry threads, unless specified British Standard Conduit threads will be supplied.
- c) Select correct size of Cable Glands from the relevant tables by checking the cable dimensions.
- d) Assistance on selection is also available on request.

GRIPWEL SINGLE COMPRESSION HEAVY DUTY SIBG TYPE CABLE GLANDS



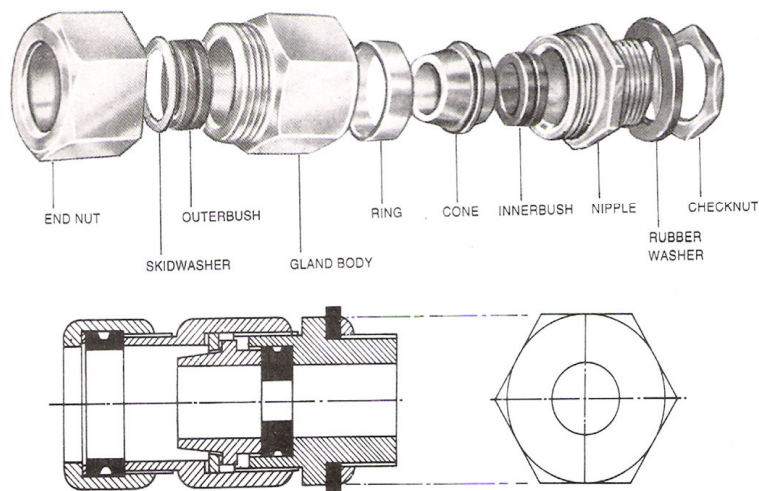
APPLICATION :

These Cable Glands are suitable for neat tight and dust proof termination of Unarmoured/Armoured Cables in outdoor locations where they are not directly exposed to weather and for most indoor applications including humid conditions.

INSTALLATION INSTRUCTIONS :

1. Screw the nipple portion of the Gland into the apparatus however if a hole is provided, insert the nipple and secure it with checknut.
2. Now pass the compression nut, washer No. 1 and the rubber ring in succession over the Cable before commencing to strip the Cable.
3. Remove the outer sheath to the desired length depending upon the lengths of leads required.
4. Pass washer No. 2 over the Cable & splay out the armour wires one by one then cut the armouring wires according to the size of washer. Now insert the washer No. 3 over inner sheath so that the armour is secured between the two washers.
5. Push the Cable through the Glands and tightly secure the compression nut so that the rubber ring expands in the radial direction and take a tight grip over the outer sheath thus making it a dust proof entry of Cable.

GRIPWEL WEATHER PROOF DOUBLE COMPRESSION CABLE GLANDS.



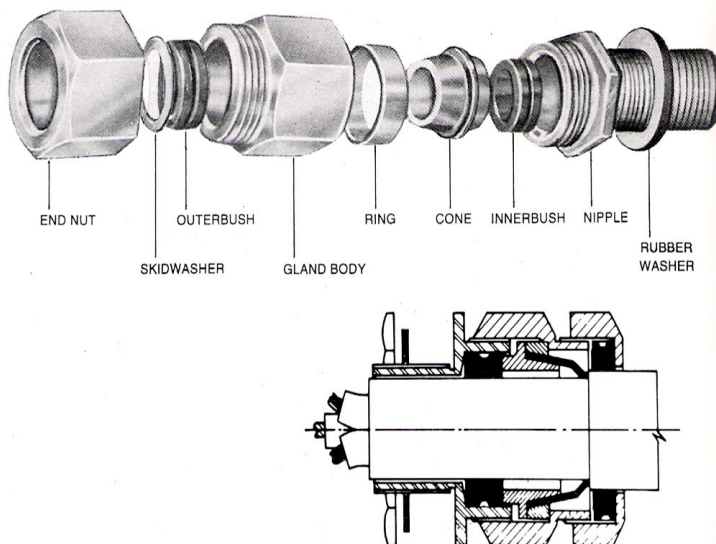
APPLICATION :

For use under corrosive conditions and outdoor locations where Cable Gland is subjected to immersion, hosing or severe weather exposures. They are best suited for Chemical plants, Mines, Refineries, Power Station etc. Their specially designed neoprene rubber rings for inner and outer sheaths when compressed, fits tightly on the Cable and do not let any foreign element to pass through.

INSTALLATION INSTRUCTIONS :

- Screw the nipple into the apparatus (secure with check nut if plain hole entry).
- Pass the end nut (with rubber bush and skid washer inside) over the Cable and the body in succession. Do not tight each other.
- Remove the outer sheath of the cable to the required length.
- Pass the ring over the exposed armour.
- Trim and shape the armour equal to tapered length of the cone, insert the later in between the armour and inner sheath.
- Pass the Cable end through the nipple (with inner bush inside)
- Engage the body with the nipple and tighten up.
- Engage the end nut with the body and tighten up.

GRIPWEL DOUBLE COMPRESSION FLAME PROOF CABLE GLANDS



APPLICATIONS :

For use with all types of Flame Proof Equipment in hazardous locations classified under Group I, IIA and IIB as per IS 2148-81. These Glands are weather proof and Flame Proof may also be used in corrosive conditions when protected by a PVC Shroud..

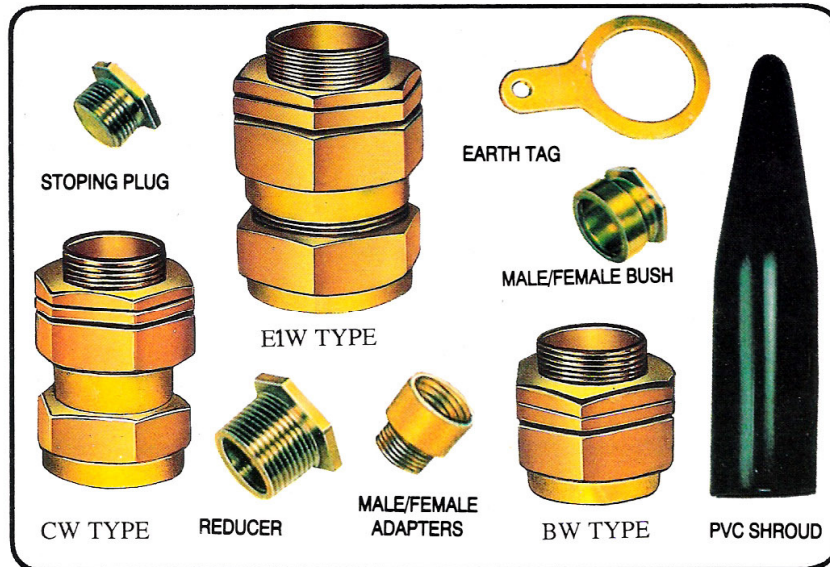
APPROVALS :

Our Flame Proof Cable Glands are approved by Central Mining Research Station, Dhanbad (vide their approval letter No. V/1/1/439 dt. 2.7.84 as per IS 2148-81)

INSTALLATION INSTRUCTIONS :

- a) Screw the nipple into the apparatus (normally Flame Proof Glands are not tightened with a check nut as thus the length of thread engagement does not satisfy the requirements of IS 2148-81).
- b) Pass the end nut (with rubber bush and skid washer inside) over the Cable and the body in succession. Do not tight each other.
- c) Remove the outer sheath of the Cable to the required length.
- d) Pass the ring over the exposed armour.
- e) Trim and shape the armour equal to tapered length of the cone insert the later in between the armour and inner sheath.
- f) Pass the Cable end through the nipple (with inner bush inside)
- g) Engage the body with the nipple and tighten up.
- h) Engage the end nut with the body and tighten up.

GRIPWEL EXPORT RANGE WITH ACCESSORIES



- BW TYPE** For use with all types of SWA Cables where no seal is required on to Cables inner or outer sheath, mainly used for dry indoor uses.
- CW TYPE** For use with all types of SWA Cable and where it is essential to produce a seal on to the outer sheath. used under most climatic conditions. These glands are weather proof and water proof.
- E1W TYPE** For uses where it is essential to produce seal on to outer and inner sheath. These glands are also weather proof and water proof & specified for most climatic conditions.



Manufactured in India by :

ALLIED TRADERS & EXPORTERS

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