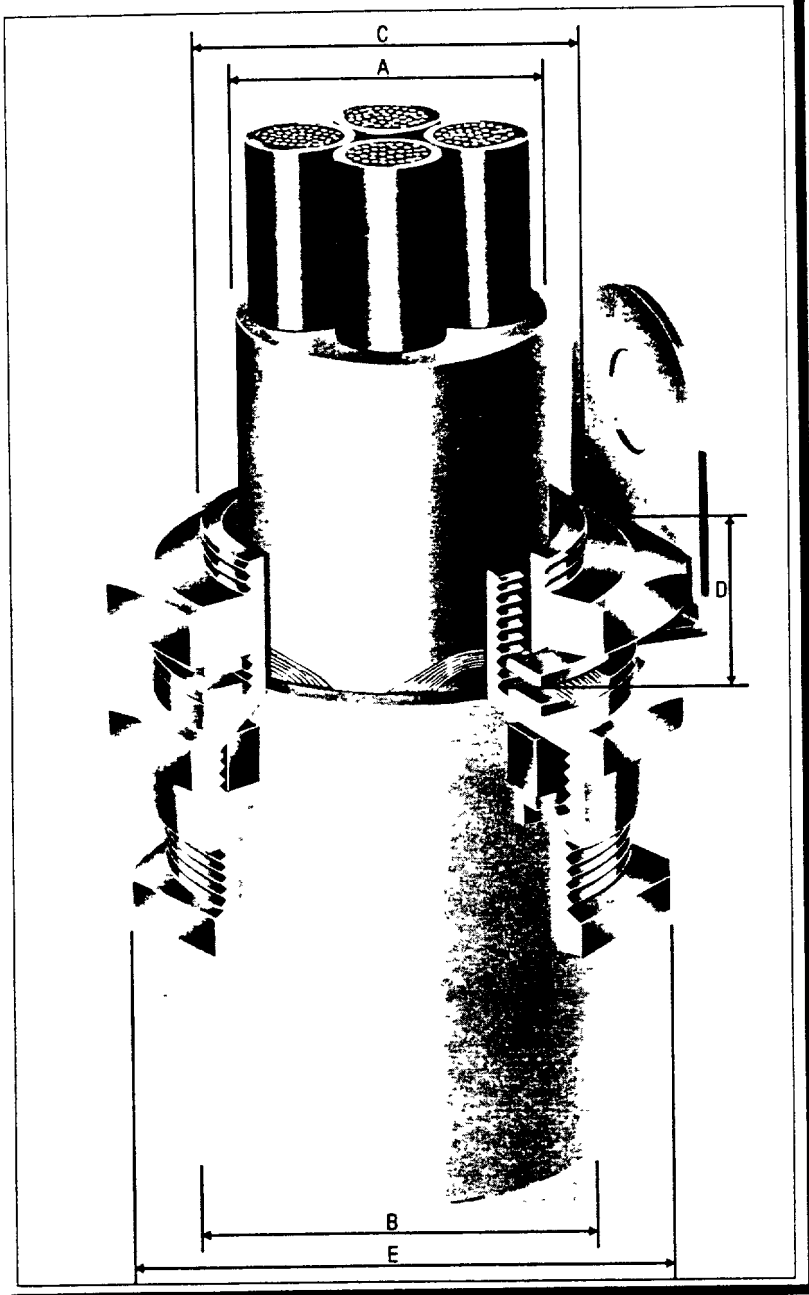


OUTDOOR
INDOOR

BRAIDED CABLE

297-793 | 800 | 811



CXT

LIGHT DUTY INDUSTRIAL GLAND

APPLICATION

For use with all types of flexible wire braided cable where it is essential to produce an IP66 seal to the outer sheath.

DESIGN FEATURES

- Braided armour/earth lock.
- Outer PCP displacement seal.
- Rated at IP66 in conjunction with entry thread seal.

USER BENEFITS

- Easier and faster to install.
- Displacement seal concept ensures no damage to the outer sheathing.
- PCP seal suited for most hostile/corrosive environments.

OPTIONS

ACCESSORIES are available see pages 23 and 24.

STANDARDS/APPROVALS

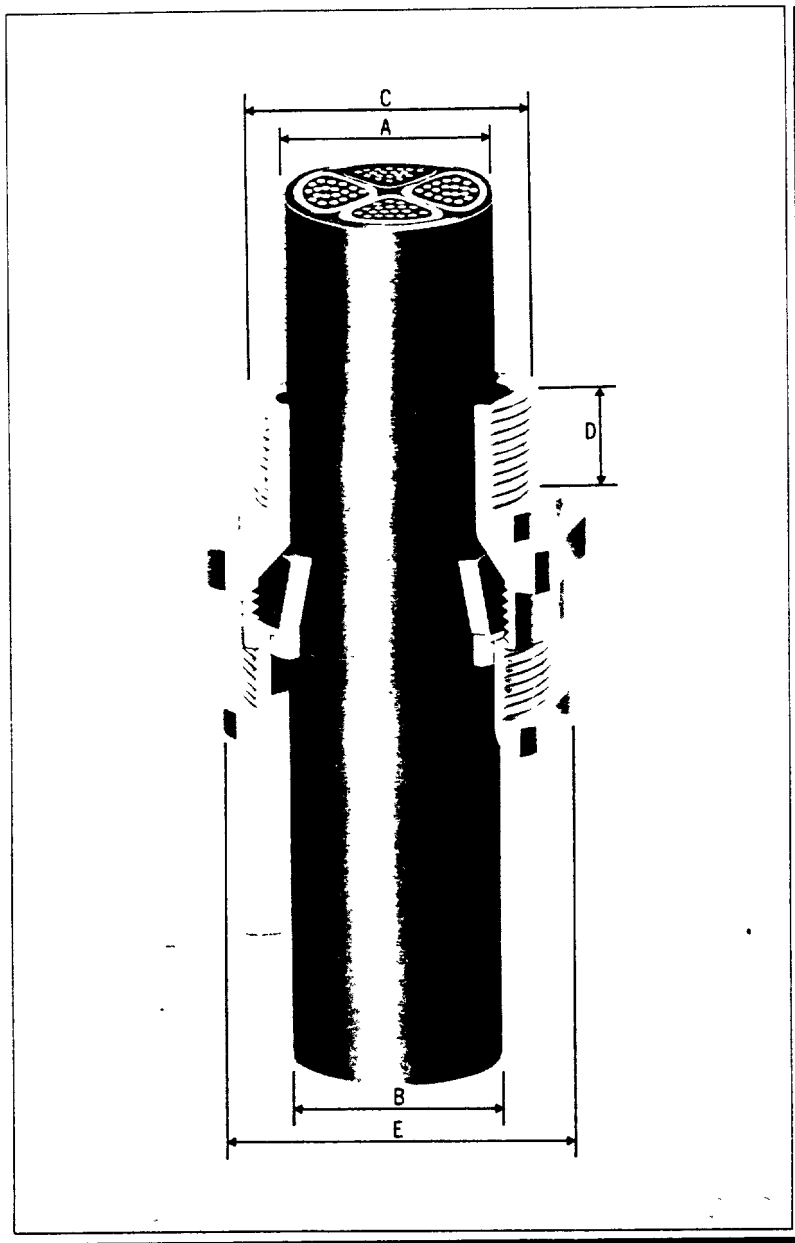
This gland reference is not specified in BS6121: Part 1, however it complies in all other respects with the design and test requirements for type A2 cable glands which is an equivalent design.

FITTING INSTRUCTIONS

Available upon request

Gland Size	Entry Thread		Cable Range Dia. 'B' MAX. - MIN.	Across Corners Dia. 'E'	Shroud Ref.
	Dia 'C'	Min. Length 'D'			
20S	20	15	11.7 - 6.2	26.6	224
20	20	15	14.0 - 6.9	30.0	225
25	25	15	20.0 - 10.6	39.9	226
32	32	15	26.3 - 16.4	45.5	227
40	40	15	32.2 - 20.9	55.4	228

All dimensions in millimetres



A2 INDUSTRIAL GLAND

A2e INCREASED SAFETY GLAND



A2F FLAMEPROOF 'd' GLAND



APPLICATION

For use with all types of unarmoured cables where it is essential to provide an IP66 or explosion proof seal on to the outer sheath

DESIGN FEATURES

- Outer PCP displacement seal
- Rated IP66 in conjunction with entry thread seal.

USER BENEFITS

- Easier and faster to install
- Displacement seal concept ensures no damage to the outer sheathing
- PCP seal suited for most hostile/corrosive environments.

10.0 for industrial

Gland Size Dia. 'C'	Industrial MAX. - MIN.	Min. Thread Length Ex	EExd/EExe Cable Range MAX. - MIN.	Across Corners Dia. 'E'	Shroud Ref.
20/16	8.7 - 3.0	15	8.7 - 3.5	24.5	223
20S	11.7 - 6.2	15	11.7 - 8.0	26.6	224
20	14.0 - 6.9	15	14.0 - 11.0	30.0	225
25	20.0 - 10.6	15	20.0 - 13.0	39.9	226
32	26.3 - 16.4	15	26.3 - 19.0	45.5	227
40	32.2 - 20.9	15	32.2 - 25.0	55.4	228
50S	38.2 - 27.5	15	38.2 - 31.5	61.0	229
50	44.1 - 33.7	15	44.1 - 36.5	66.5	230
63S	50.1 - 38.8	15	50.1 - 42.5	77.6	231
63	56.0 - 44.7	15	56.0 - 48.5	83.2	232
75S	62.0 - 52.0	15	62.0 - 54.5	88.7	233
75	68.0 - 58.6	15	68.0 - 60.5	94.2	234
90	79.4 - 65.0	15	78.0 - 65.0	120.7	171

All dimensions in millimetres

OPTIONS

ACCESSORIES are available see pages 23 and 24.

STANDARDS/APPROVALS

- BS6121: Part 1: 1987.
- A2e - BS5501 (Part 6) 2nd Directive.
- A2F - BS5501 (Part 5) 2nd Directive.

BASEEFA APPROVED.

FITTING INSTRUCTIONS

Available upon request

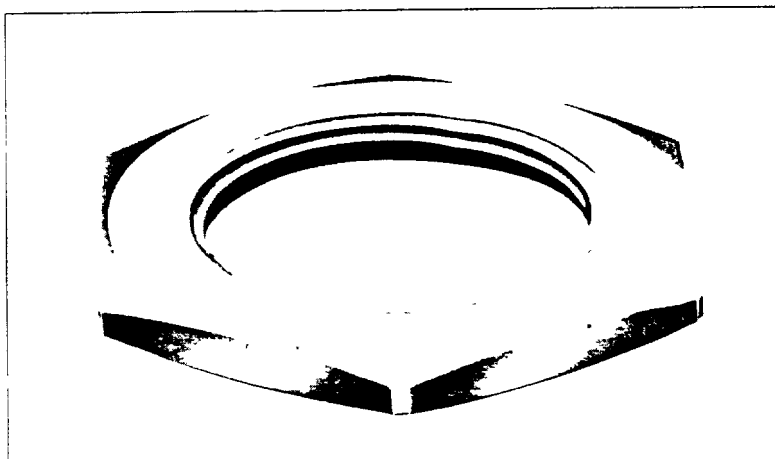


LOCKNUTS

BRASS locknuts are the traditional components used in fastening glands to the gland plate and, as they are identical material to the gland, corrosion effects are minimal

GALVANISED MILD STEEL locknuts are a cheaper alternative and should be used only in dry, low humidity conditions

ALUMINIUM locknuts are for use with CMP Aluminium Glands only Their use with glands of dissimilar materials must be avoided due to electrolytic action



SHROUD

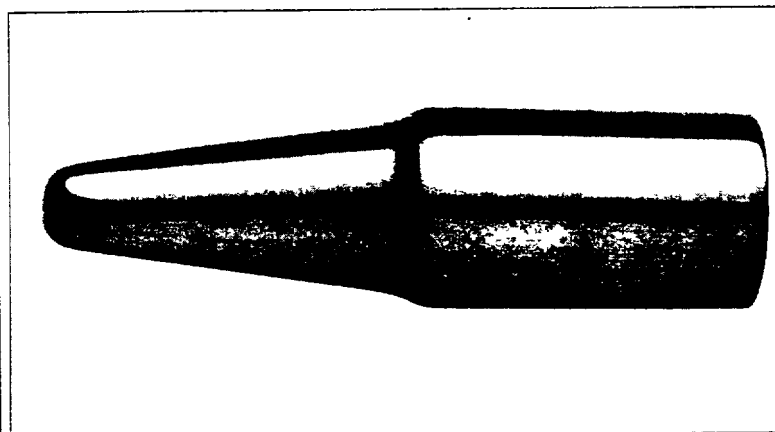
For all type of CMP gland applications to provide additional protection and enhance the IP rating of the gland termination

Material

CMP Shrouds are normally manufactured in PVC and are readily available from stock at all times

PCP shrouds are available upon request for special conditions of use

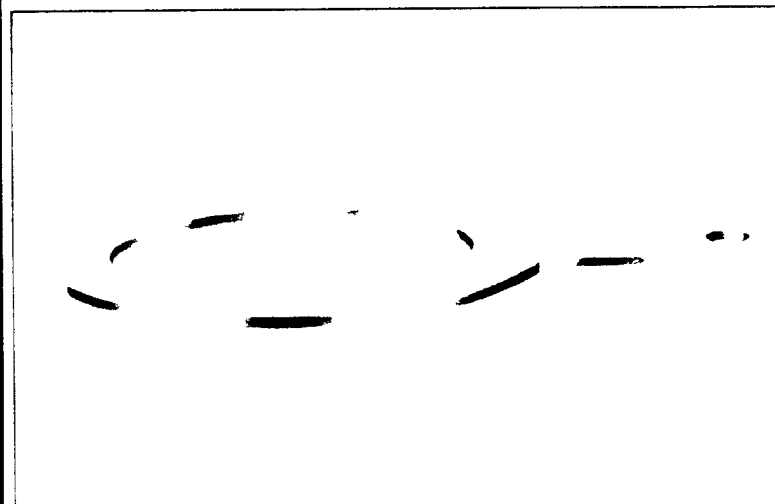
When ordering please preface the shroud reference number by PVC or PCP



EARTH TAGS (For Earth Bonding)

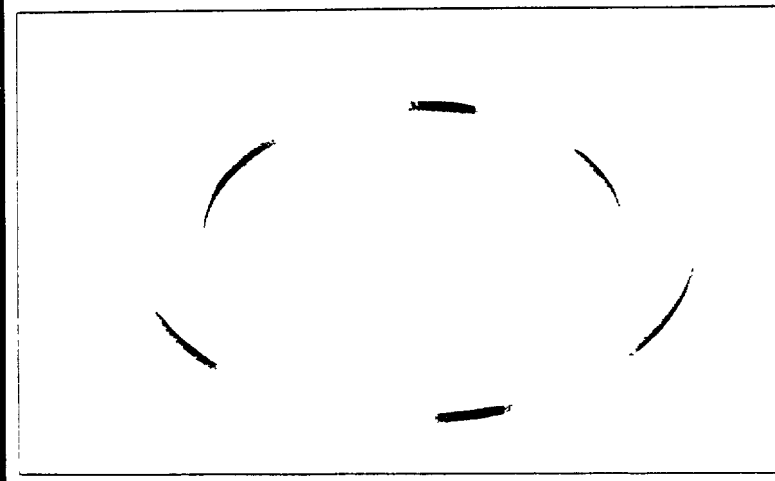
For earth bond connections specified in the IEE regulations and BS6121 Part 1 requires the attachment of earth wires under FUSED short circuit protection circuits

CMP Earth Tag Size	Short Circuit Ratings Symmetrical fault Current (kA) for 1 second
20	3.06
25	4.00
32	5.40
40	7.20
50	10.40
63	10.40
75	10.40

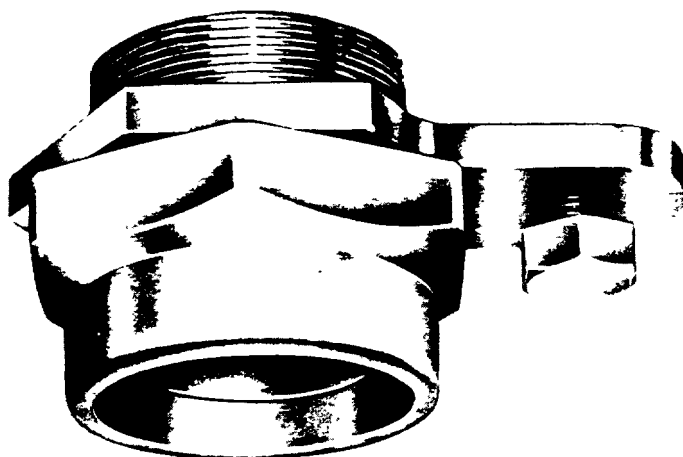


IP66 ENTRY THREAD SEALS

Cable glands having external or internal sealing arrangements must be fitted with an entry thread seal to comply with the IP66 requirements of BS6121 Part 1 1987



ACCESSORIES

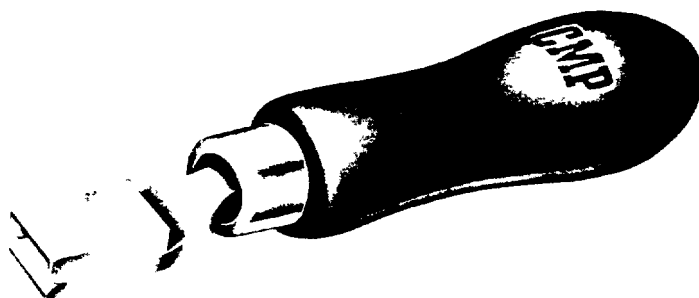


CAST INTEGRAL EARTH LUG (CIEL)

For external earth connections for CIRCUIT BREAKER short circuit protection or where it is essential to maintain critical earthing. It is designed to meet the IEE earthing regulations and is eminently suitable for HV installations.

Notes:

- The cast integral earth lug option is available for various CMP gland types. When required the suffix – CIEL should be used. The two most common forms are the BWL-CIEL and the CW-CIEL which are readily available from stock.
- CMP cast integral earth lug glands have passed short circuit tests up to 26kA for 1 second for gland sizes up to 40mm, and 43kA for 1 second for gland sizes 50mm and above.
- A CMP IP66 Entry thread seal can be fitted.
- This gland type is also suitable for essential low resistance earthing installations.



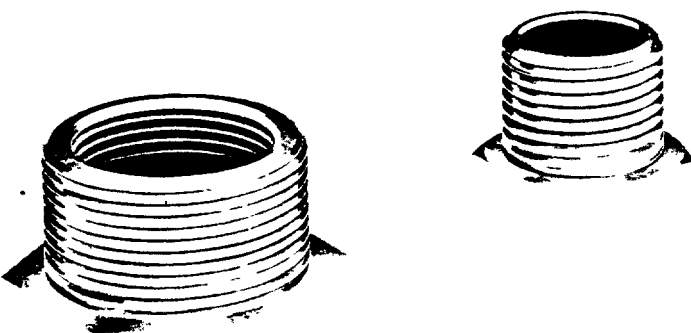
ARMOUR FORMING TOOL

This handy armour forming tool produces the traditional "dogs hind leg" set in cable armour wires, and speeds up cable installation.

Application

Push thin edge down into the cable armour wires and open out to 90° to the cable.

Reverse using the thick edge and form armour wires back to vertical position to introduce the armour set!



FLAMEPROOF ADAPTORS AND REDUCERS

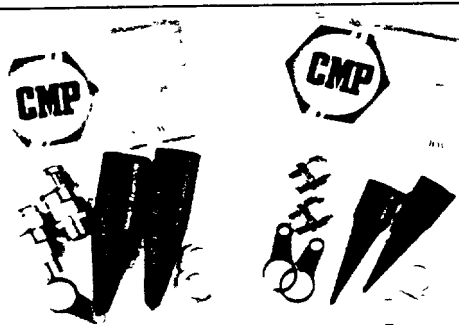
Application

To provide a means of attachment between dissimilar thread forms.

CMP can supply fully certified adaptors or reducers. These BASEEFA approved components are suitable for use with EEXd approved glands or EExe approved glands.

For adaptors when the female thread is larger than the male, only one step up in size is permitted eg 32mm to 40mm.

INSULATED ENTRY TYPE adaptors are also available.

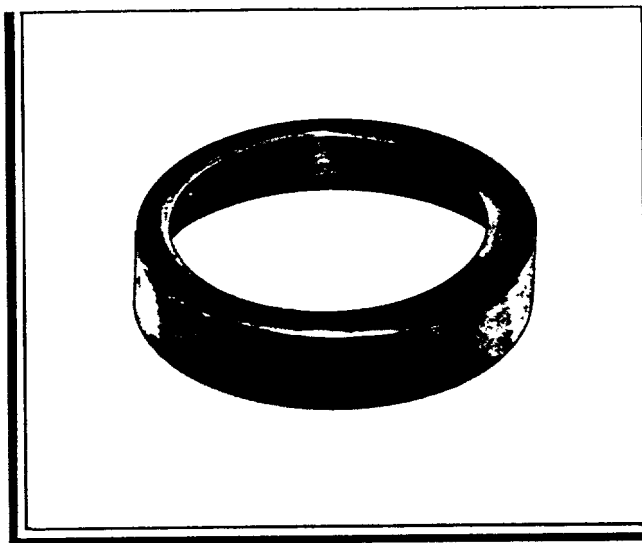


GLAND PACKS

CMP offer from stock special packs for the BW and CW product types.

For sizes up to 32mm each pack contains two glands, two galvanised locknuts, two brass earth tags and two PVC shrouds. For pack sizes above 40mm only one gland, together with matching accessories, is included.

Enquiries for other gland types will be welcomed from volume distributors.



THICK OUTER SEALS

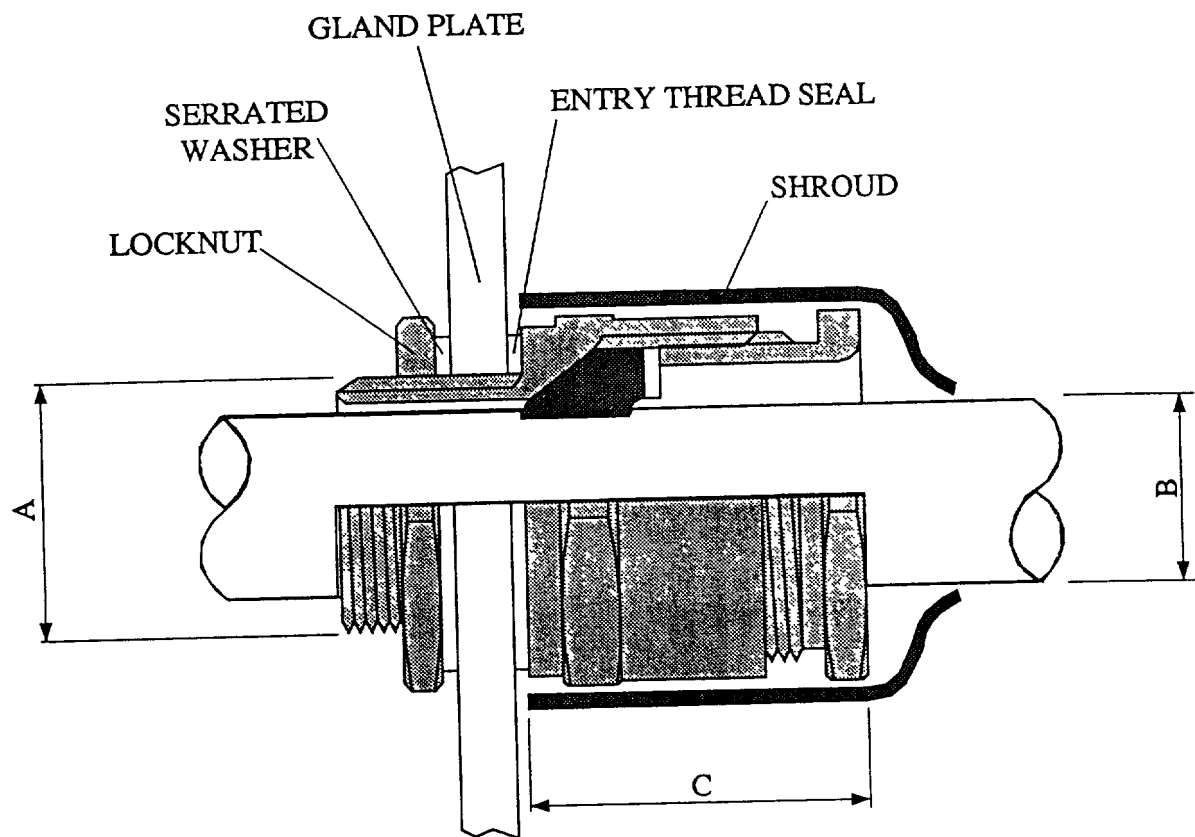
For CMP gland applications where cable outer sheath dimensions are below standard diameters

When ordering add suffix 't' to the gland reference

Gland Size	Cable Range	'B' Diameter
	MAX.	MIN.
16	10.0	6.3
20S	14.0	8.0
20	18.0	12.1
25	23.8	15.5
32	30.0	22.1
40	36.0	26.4
50S	42.5	32.0
50	50.0	37.3
63S	56.0	44.8
63	61.1	46.8
75S	69.0	57.1
75	75.0	65.0

Material PCP seals suited for most hostile/corrosive environments

A2 ASSEMBLY DRAWING
COMPLETE WITH ACCESSORIES



GLAND SIZE DIA 'A'	CABLE DIMENSIONS 'B'		LENGTH 'C'
	MAX	MIN	
20/16	8.7	3.0	23.0
20s	11.7	6.2	21.8
20	14.0	6.9	23.0
25	20.0	10.6	25.0
32	26.3	16.4	30.0
40	32.2	20.9	31.0
50s	38.2	27.5	27.5
50	44.1	33.7	31.5
63s	50.1	38.8	30.0
63	56.0	44.7	31.5
75s	62.0	52.0	29.5
75	68.0	58.6	32.5
90	79.4	65.0	49.5
ALL DIMENSIONS IN MILLIMETRES			



CMP PRODUCTS