

BW GLAND FOR SWA CABLE

- To BS6121 Part 1
 - Suitable for single wire armoured, plastic or rubber sheathed cables
 - Application-for-use in dry, indoor situations
 - Low cost two part design
 - Shroud may be used for additional ingress protection
 - IP 54
 - Finish : Natural Brass and also available in Electro Tinned and Nickel.
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- Threads : Entry threads are metric to BS 3643 and are also available in Imperial (ET)
 - Also available in Aluminium (BS 1474) cable glands



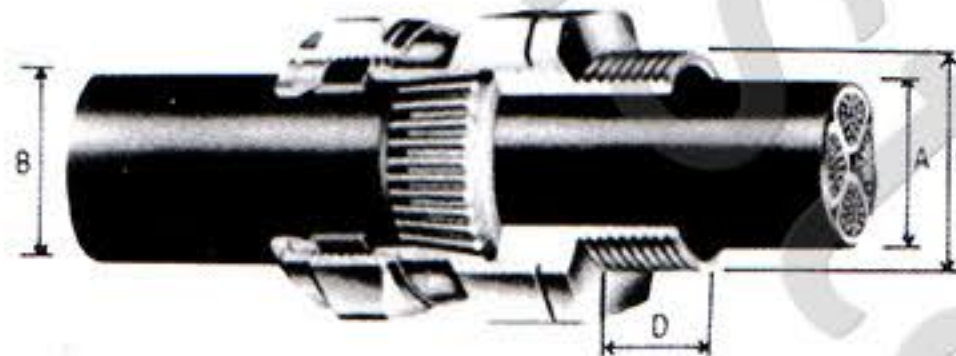
APPLICATION

For use with all types of SWA cable where no seal is required on to cables inner or outer sheathing.

Gland Size & Termination Thread Size C"		Minimum Length of Thread D"	Cable Diameter		Across Flat	Across Corner	Cat #
Metric	IMP		Dia inner Sheath Max "A"	Dia outer Sheath Max "B"			
16L	5/8	10	9.0	14.5	19.0	22.0	BW - 16L
20S	3/4	10	12.0	18.0	23.5	26.5	BW - 20S
20L	3/4	10	15.0	20.8	27.2	30.5	BW - 20L
25S	1	10	17.0	23.0	31.5	35.0	BW - 25S
25L	1	10	20.0	28.0	35.0	39.0	BW - 25L
32L	1 1/4	10	26.0	34.0	41.0	45.0	BW - 32L
40S	1 1/2	15	29.0	37.0	43.0	47.5	BW - 40S
40L	1 1/2	15	32.5	41.5	48.0	53.5	BW - 40L
50S	2	20	38.0	46.5	51.5	57.0	BW - 50S
50L	2	20	40.0	51.0	58.5	65.0	BW - 50L
63S	2 1/2	20	45.0	57.0	64.0	71.0	BW - 63S
63L	2 1/2	20	48.0	59.0	72.0	80.0	BW - 63L
75S	3	20	54.0	66.0	79.0	88.0	BW - 75S
75L	3	20	62.0	72.0	86.5	97.0	BW - 75L
88S	3 1/2	25	67.0	80.0	94.0	105.0	BW - 88S
88L	3 1/2	25	73.0	86.0	105.0	117.0	BW - 88L
100	4	25	89.0	100.0	116.0	128.0	BW - 100

**CW GLAND FOR SWA CABLE**

- To BS6121 Part 1
- Suitable for single wire armoured, plastic or rubber sheathed cables
- Outer seal grips sheath of cable
- For use in most climatic conditions weatherproof and waterproof
- Seal rated to IP66
- Design has separate armour locking ring
- Gland rated to IP66 with use of gland interface
- Finish : Natural Brass and also available in Electro Tinned and Nickel.

**CW FLAME PROOF GLAND FOR SWA CABLE**

As above but with these additional benefits

- For use in hazardous environments
- Complies with BS5501 pt 1 & pt 6
- CW for flame proof increased safety application
- Threads : Entry threads are metric to BS 3643 and are also available in Imperial (ET)
- Also available in Aluminium (BS 1474) cable glands

APPLICATION

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

Gland Size & Termination Thread Size C"		Minimum Length of Thread D"	Cable Diameter		Across Flat	Across Corner	Cat #
Metric	IMP		Dia inner Sheath Max "A"	Dia outer Sheath Max "B"			
16L	5/8	10	9.0	14.5	19.0	22.0	CW - 16L
20S	3/4	10	12.0	18.0	24.0	27.0	CW - 20S
20L	3/4	10	15.0	20.8	27.2	31.0	CW - 20L
25S	1	10	17.0	23.0	31.5	35.0	CW - 25S
25L	1	10	20.0	28.0	35.0	39.0	CW - 25L
32L	1 1/4	10	26.0	34.0	43.0	47.5	CW - 32L
40S	1 1/2	15	29.0	37.0	43.0	47.5	CW - 40S
40L	1 1/2	15	32.5	41.5	51.5	57.0	CW - 40L
50S	2	20	38.0	46.5	51.5	57.0	CW - 50S
50L	2	20	40.0	51.0	58.5	65.0	CW - 50L
63S	2 1/2	20	45.0	57.0	66.0	73.0	CW - 63S
63L	2 1/2	20	48.0	59.0	72.0	80.0	CW - 63L
75S	3	20	54.0	66.0	80.0	89.0	CW - 75S
75L	3	20	62.0	72.0	86.5	97.0	CW - 75L
88S	3 1/2	25	67.0	80.0	94.0	105.0	CW - 88S
88L	3 1/2	25	73.0	86.0	106.0	118.0	CW - 88L
100S	4	30	90.0	102.0	106.0	118.0	CW - 100S
100L	4	30	93.0	115.0	116.0	130.0	CW - 100L



A1/A2 GLAND FOR UNARMoured CABLE

- To BS6121 : Part 1
- Suitable for unarmoured, plastic or rubber sheathed cables
- Suitable for most indoor and outdoor applications
- Seal rated to IP66
- Finish: Natural Brass and also available in Electro Tinned and Nickel

A2 FLAME PROOF FOR UNARMoured CABLE

As above but with these additional benefits :

- For use in hazardous environments
- Complies with BS 5501 Pt 1 & Pt 6
- A 2 F for flame proof increased safety applications
- Threads: Entry threads are metric to BS 3643 and are also available in Imperial (ET)
- Also available in Aluminium (BS 1474) cable glands



APPLICATION

For use with all types of unarmoured and PVC cable. where it is essential to produce IP66 or explosion proof seal on inner sheath.

Gland Size & Termination Thread Size C"		Minimum Length of Thread D"	Cable Diameter		Across Flat	Across Corner	Cat #
Metric	IMP		Dia inner Sheath Max "A"	Dia outer Sheath Max "B"			
16L	5/8	15	8.7	3.5	19.0	22.0	A2 - 16L
20S	3/4	15	11.7	8.0	21.0	24.0	A2 - 20S
20L	3/4	15	14.0	11.0	24.0	25.0	A2 - 20L
25S	1	15	17.0	12.0	28.0	26.6	A2 - 25S
25L	1	15	20.0	13.0	30.0	31.5	A2 - 25L
32S	1 1/4	15	23.0	16.5	38.0	33.3	A2 - 32S
32L	1 1/4	15	26.3	19.0	41.0	41.0	A2 - 32L
40S	1 1/2	20	29.0	23.0	45.0	45.5	A2 - 40S
40L	1 1/2	20	33.0	25.0	46.0	50.0	A2 - 40L
50S	2	20	38.2	31.5	59.0	51.0	A2 - 50S
50L	2	20	46.0	36.5	64.0	65.0	A2 - 50L
63S	2 1/2	20	50.1	42.5	70.0	70.0	A2 - 63S
63L	2 1/2	20	56.0	44.5	75.0	77.0	A2 - 63L
75S	3	25	62.0	54.5	84.0	83.0	A2 - 75S
75L	3	25	68.0	60.5	84.0	93.0	A2 - 75L
88L	3 1/2	25	77.0	66.0	90.0	100.0	A2 - 88L
100	4	25	88.0	80.0	119.5	132.0	A2 - 100
110	4 1/2	25	95.0	89.0	143.0	128.5	A2 - 110

E1W GLAND FOR SWA CABLE

- Suitable for single wire armoured plastic or rubber sheathed, extruded bedded cables
- Outer seal grips sheath of cable.
- Inner seal grips bedding layer of cable
- For use in most climatic condition weather proof and waterproof
- Inner and outer seal rated to IP66
- Design has separate armour locking ring
- Gland rated to IP66 with use of suitable sealing washer or thread sealant at gland interface.
- Finish : Natural Brass and also available in Electro Tinned and Nickel

E1W FLAME PROOF GLAND FOR SWA CABLE

- For use in hazardous environment
- Complies with ES5501 Pt 1 & Pt 6
- E1W increased safety application
- Threads : Entry thread are metric to BS 3643 and are also available in Imperial (ET)
- Also available in Aluminium (BS 1474) cable glands

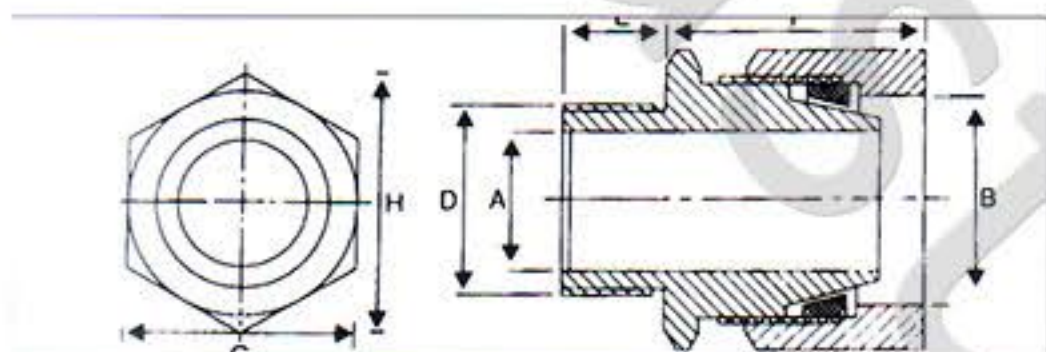
**APPLICATION**

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.

Gland Size & Termination Thread Size C"		Minimum Length of Thread D"	Cable Diameter		Cat #
Metric	IMP		Dia inner Sheath Max "A"	Dia outer Sheath Max "B"	
16L	5/8	10	9.0	14.5	E1W - 16L
20S	3/4	10	12.0	18.0	E1W - 20S
20L	3/4	10	15.0	20.8	E1W - 20L
25S	1	10	17.0	23.0	E1W - 25S
25L	1	10	20.0	28.0	E1W - 25L
32L	1 1/4	10	26.0	34.0	E1W - 32L
40S	1 1/2	15	29.0	37.0	E1W - 40S
40L	1 1/2	15	32.5	41.5	E1W - 40L
50S	2	20	38.0	46.5	E1W - 50S
50L	2	20	40.0	51.0	E1W - 50L
63S	2 1/2	20	45.0	57.0	E1W - 63S
63L	2 1/2	20	48.0	59.0	E1W - 63L
75S	3	20	54.0	66.0	E1W - 75S
75L	3	20	62.0	72.0	E1W - 75L
88S	3 1/2	25	67.0	80.0	E1W - 88S
88L	3 1/2	25	73.0	86.0	E1W - 88L
100S	4	30	90.0	102.0	E1W - 100S
100L	4	30	93.0	115.0	E1W - 100L

'G' TYPE BRASS CABLE GLAND (ALCO TYPE)

- For use with SWA Plastic & Rubber sheathed cable
- Used in dry indoor conditions
- Inner ring ensures positive armour clamp and earth continuity
- Finish : Natural Brass and also available in Electro Tinned and Nickel



- Threads : Entry thread are metric to BS 3643 and are also available in Imperial (ET)
- Also available in Aluminium (BS 1474) cable glands

CABLE AND GLAND DETAILS

	DIAMETER			ARMOUR WIRE DIAMETER	ISO ENTRY THREAD		APPROX LENGTH FROM SHOULDER	HEXAGON SIZE		Cat #
	UNDER ARMOUR A		OVERALL B		DIA	LENGTH		ACROSS FLATS G	ACROSS FLATS H	
	MAX mm	MAX mm								
G-204	---	15.8	15.8	0.9/1.25	20	10	24	22.0	24.9	A-204
G-206	---	21.0	21.0	0.9/1.25	20	10	25	27.0	30.0	A-206
G-254	---	23.8	23.8	1.25/1.60	25	10	26	31.7	35.7	A-254
G-256	---	27.2	27.2	1.25/1.60	25	10	26	37.6	42.2	A-256
G-324	---	33.2	33.2	1.60/2.0	32	10	28	47.3	53.6	A-324
G-326	---	39.2	39.2	1.60/2.0	40	15	25	48.4	54.6	A-326
G-405	---	39.9	39.9	1.60/2.0	40	15	25	50.0	57.0	A-405
G-503	---	51.6	51.6	2.0/2.25	50	15	36	58.0	64.2	A-503
G-505	---	52.6	52.6	2.0/2.25	50	15	36	65.0	71.2	A-505
G-636	---	61.0	61.0	2.5	63	15	30	71.0	77.5	A-636
G-753	---	71.3	71.3	2.5	75	15	40	85.0	95.0	A-753
G-755	---	78.0	78.0	2.5	75	15	40	98.0	109.2	A-755

CABLE GLAND - PG TYPE

PG Cable Glands are designed to DIN 46320/46255 with strain relief facility with round or hex intermediate sockets of long and short anti threads, suitable for indoor use with SWA, plastic or rubber sheathed cables for additional Ingress protection it is recommended to use Shroud. Earth Tags can be used for earth continuity.

CABLE TYPE / SEALING :

Steel wire armour Inner ring frames Positive armour clamp.



Size	Cat #	Size	Cat #
7	PG 7	21	PG 21
9	PG 9	29	PG 29
11	PG 11	36	PG 36
13.5	PG 135	42	PG 42
16	PG 16	48	PG 48

CABLE GLAND - MARINE TYPE

MARINE type Cable Glands are suitable for various marine applications for additional Ingress protection it is recommended to use Shroud. Earth Tags can be used for earth continuity.

CABLE TYPE / SEALING:

Marine Cables / Positive Clamping by seal.



Size	Cat #	Size	Cat #
10	BCGM10	45	BCGM45
15	BCGM15	50	BCGM50
20	BCGM20	55	BCGM55
25	BCGM25	60	BCGM60
30	BCGM30	65	BCGM65
35	BCGM35	70	BCGM70
40	BCGM40		

BRASS CABLE GLANDS - TRS TYPE

TRS type Cable Glands are suitable for various applications for securing flexible cables for additional Ingress protection it is recommended to use Shroud. Earth Tags can be used for earth continuity.

CABLE TYPE / SEALING :

Flexible Cables / Positive Clamping by seal.

Size	Cat #	Size	Cat #
16	TRS 16	25	TRS 25
20	TRS 20	32	TRS 32



ALUMINUM CABLE GLANDS: BWA, CWA AND E1WA TYPE

Aluminum Cable Glands are suitable for indoor and outdoor use with AWA or ASA extruded bending cables. Provides mechanical cable retention & electrical continuity via aluminum & armoured wire or strip termination for additional Ingress protection it is recommended to use Shroud. Aluminum Earth Tags can be used for earth continuity.

CABLE TYPE / SEALING:

AWA or ASA extruded bending cable / Aluminum wire / strip armour clamp.

INGRESS PROTECTION: IP 68

Contact us for further Information about these Glands / Sizes and Usage



Goldstar Impex provides ready to use gland kit which consists of all the basic components required to terminate the cable to the equipments.

See kit details below.



Gland Size	Cable Size	Cable Size	Cable Size	Cable Size	Cable Size
	AG	BW	BWL	CWG	E1W
16	AG16	---	BWL16K	CWG16K	E1W16K
20SS	AG2OSSK	---	---	CWG2OSSK	E1W2OSSK
20S	AG2OSK	BW2OSK	BWL2OSK	CWG2OSK	E1W2OSK
20L	AG2OLK	BW2OLK	BWL2OLK	CWG2OLK	E1W2OLK
25S	AG25SK	BW25SK	BWL25SK	CWG25SK	E1W25SK
25L	AG25LK	BW25LK	BWL25LK	CWG25LK	E1W25LK
32	AG32K	BW32K	BWL32K	CWG32K	E1W32K
40S	---	BW4OSK	BWL4OSK	CWG4OSK	E1W4OSK
40L	AG4OLK	BW4OLK	BWL4OLK	CWG4OLK	E1W4OLK
50S	AG5OSK	BW5OSK	BWL5OSK	CWG5OSK	E1W5OSK
50L	AG5OLK	BW5OLK	BWL5OLK	CWG5OLK	E1W5OLK
63S	AG63SK	BW63SK	BWL63SK	CWG63SK	E1W63SK
63L	AG63LK	BW63LK	BWL63LK	CWG63LK	E1W63LK
75S	AG75SK	BW75SK	BWL75SK	CWG75SK	E1W75SK
75L	AG75LK	BW75LK	BWL75LK	CWG75LK	E1W75LK
90	AG90K	---	BWL90K	CWG90K	E1W90K
100	AG100K	---	---	---	---

Note: For other gland types add 'K' in suffix to the catalogue # while ordering kits

KIT DETAILS

Size	Component / Kit
20 - 25	Glands, Locknuts, Earth Tags with Screws, PVC Shrouds 2 Each.
32 - 90	Gland Locknut, Earth Tag with Screws, PVC Shroud 1 Each.

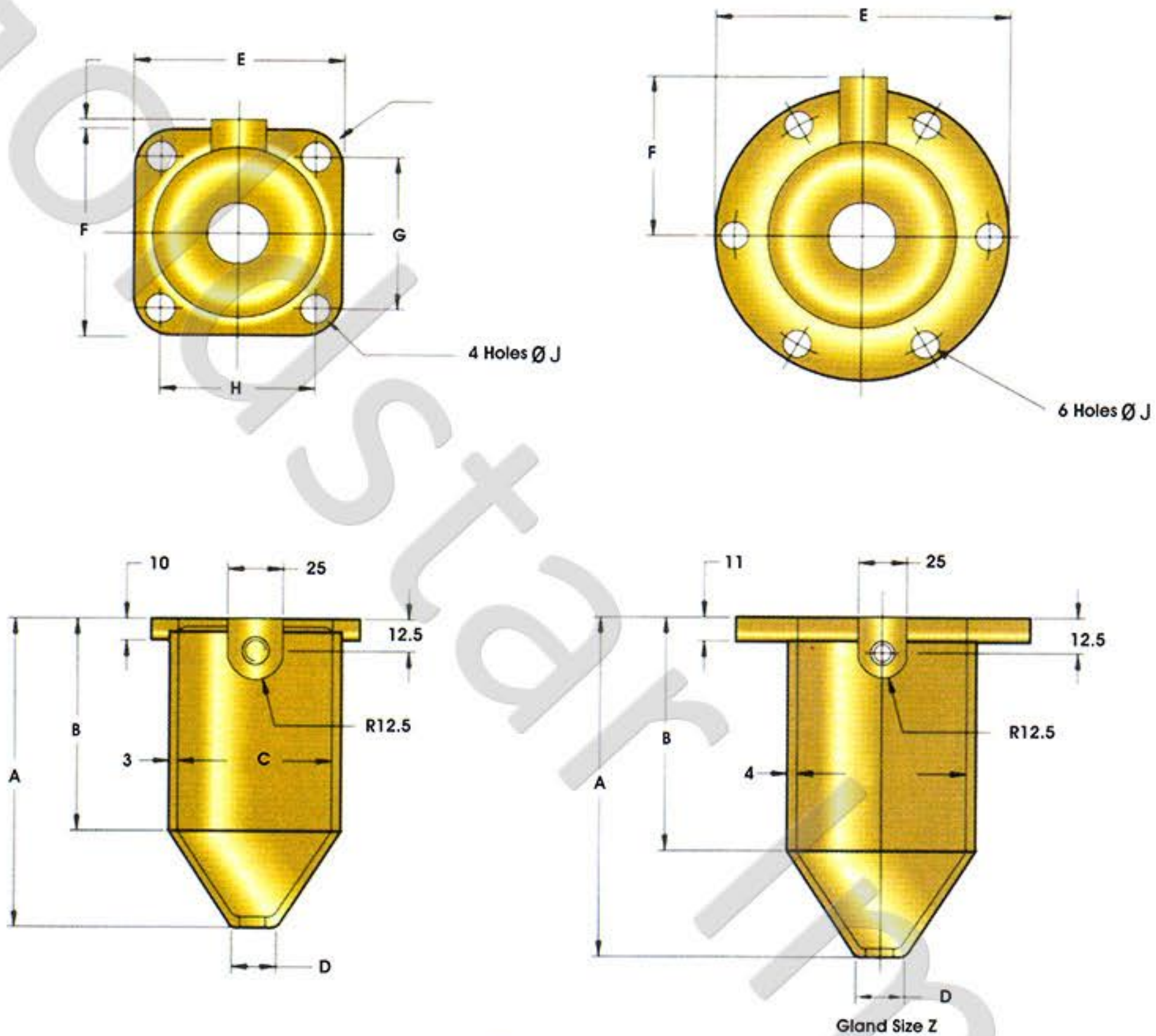
600 / 1000v stranded copper conductors pvc insulated with steel wire armour and PVC sheathed overall, Cable to BS6346 : 1997

Cable Size Conductor Non, Area (mm ²)	Number or Cores													
	Neutral	1	2	3	3½	4	5	7	10	12	19	27	37	48
1.5	-	-	16	16	-	20S	20S	20S	20	20	25	25	32	32
2.5	-	-	20S	20S	-	20S	20S	20	25	25	25	32	32	40
4	-	-	20S	20	-	20	20	25	25	25	32	40	-	-
6	-	-	20	20	-	20	-	-	-	-	-	-	-	-
10	-	-	25	25	-	25	-	-	-	-	-	-	-	-
16	-	-	25	25	-	25	-	-	-	-	-	-	-	-
25	16	-	25	32	32	32	-	-	-	-	-	-	-	-
35	16	-	32	32	32	40	-	-	-	-	-	-	-	-
50	25	25	32	32	32	40	-	-	-	-	-	-	-	-
70	35	25	32	40	40	40	-	-	-	-	-	-	-	-
95	50	25	40	40	50S	50S	-	-	-	-	-	-	-	-
120	70	32	40	50S	50	50	-	-	-	-	-	-	-	-
150	70	32	50S	50	50	63S	-	-	-	-	-	-	-	-
185	95	32	50	50	63S	63	-	-	-	-	-	-	-	-
240	120	40	50	63S	63	75S	-	-	-	-	-	-	-	-
300	150	40	63S	63	75S	75	-	-	-	-	-	-	-	-
300	185	40	63	63	75	75	-	-	-	-	-	-	-	-
400	185	50S	63	75S	75	75	-	-	-	-	-	-	-	-
500	-	50					-	-	-	-	-	-	-	-
630	-	50					-	-	-	-	-	-	-	-
800	-	63S					-	-	-	-	-	-	-	-
1000	-	63					-	-	-	-	-	-	-	-

600/ 1000V stranded copper conductors XLPE / SWA I PVC cable and PVC sheathed overall. Cable to BS 5467: 1989

Cable Size Conductor Non, Area (mm ²)	Number or Cores													
	Neutral	1	2	3	3½	4	5	7	10	12	19	27	37	48
1.5	-	-	20S	20S	-	20S	20S	20	20S	25	25	32	32	32
2.5	-	-	20S	20S	-	20S	20S	20	25	25	32	32	40	40
4	-	-	20S	20S	-	20	20	25	25	25	32	40	40	50S
6	-	-	20	20	-	20	-	-	-	-	-	-	-	-
10	-	-	20	25	-	25	-	-	-	-	-	-	-	-
16	-	-	25	25	-	25	-	-	-	-	-	-	-	-
25	16	-	25	32	32	32	-	-	-	-	-	-	-	-
35	16	-	32	32	32	32	-	-	-	-	-	-	-	-
50	25	25	25	32	32	32	-	-	-	-	-	-	-	-
70	35	25	32	32	40	40	-	-	-	-	-	-	-	-
95	50	25	32	40	50S	50S	-	-	-	-	-	-	-	-
120	70	32	40	40	50	50	-	-	-	-	-	-	-	-
150	70	32	40	50S	50	50	-	-	-	-	-	-	-	-
185	95	32	50S	50	63S	63S	-	-	-	-	-	-	-	-
240	120	40	50	63S	63	63	-	-	-	-	-	-	-	-
300	150	40	63S	63	75S	75S	-	-	-	-	-	-	-	-
300	185	40	63S	63	75S	75	-	-	-	-	-	-	-	-
400	185	50S	63S	75S	75	75	-	-	-	-	-	-	-	-
500	-	50					-	-	-	-	-	-	-	-
630	-	50					-	-	-	-	-	-	-	-
800	-	63S					-	-	-	-	-	-	-	-
1000	-	63					-	-	-	-	-	-	-	-

Material : Brass
Finish : Natural



Gland Size	Dial over metal sheath of cable (mm)	Overall Diameter 'A'										Cat #
		A	B	C	$\varnothing D$	E	F	G	H	$\varnothing J$	R	
X	12 to 51	137	90	60	19	90	90	66	66	12	12	XWG
Y	25 to 78	155	95	89	32	114	123	95	86	14	14	YWG
Z	25 to 94	195	140	108	32	190	100	--	--	14	--	ZWG

BRASS LOCK NUT - NICKEL PLATED & WITHOUT NICKEL PLATED

Size	Cat #
M16	BLN - 16
M20	BLN - 20
M25	BLN - 25
M32	BLN - 32
M40	BLN - 40
M50	BLN - 50
M63	BLN - 63
M75	BLN - 75

BRASS EARTH TAG - NICKEL PLATED & WITHOUT NICKEL PLATED

Size	Cat #
M16	BET - 16
M20	BET - 20
M25	BET - 25
M32	BET - 32
M40	BET - 40
M50	BET - 50
M63	BET - 63
M75	BET - 75

PVC SHROUD

The shroud are recommended to use with all cable glands to provide additional ingress protection and to minimize the risk of dirt or any foreign substance gathering around gland body.

PVC Shrouds are denoted by gland reference number and are compatible with each glands size.

Gland Size	Cat # BW	Cat # CW	Cat # A1A2
20 S/L	PSBW20SL	PSCW20SL	PSA2-20SL
25 S/L	PSBW25SL	PSCW25SL	PSA2-25SL
32 S/L	PSBW32SL	PSCW32SL	PSA2-32SL
40 S/L	PSBW40SL	PSCW40SL	PSA2-40SL
50 S/L	PSBW50SL	PSCW50SL	PSA2-50SL
63 S/L	PSBW63SL	PSCW63SL	PSA2-63SL
75 S/L	PSBW75SL	PSCW75SL	PSA2-75SL
90 S/L	PSBW90SL	PSCW90SL	PSA2-90SL

METRIC-METRIC REDUCERS & ADAPTORS EEXDE I/II

CCG Metric Reducers & Adaptors are designed to effectively reduce or adapt dissimilar thread forms or sizes. Manufactured from high quality brass suitable for Zone 1 & 2 Hazardous area installations EExde Group I & II.

Material : Brass
 IP Ratings : IP66/67/68
 Standard : CENELEC / ATEX Zones 1, 2, 21 & 22 EExde IIC

REDUCER

Thread		Male Thread Length	Cat #
Male	Female		
M20	M16	15	RM20M16FE
M25	M20	15	RM25M20FE
M32	M20	15	RM32M20FE
M32	M25	15	RM32M25FE
M40	M20	15	RM40M20FE
M40	M25	15	RM40M25FE
M40	M32	15	RM40M32FE
M50	M20	15	RM50M20FE
M50	M25	15	RM50M25FE
M50	M32	15	RM50M32FE
M50	M40	15	RM50M40FE
M63	M20	15	RM63M20FE
M63	M25	15	RM63M25FE
M63	M32	15	RM63M32FE
M63	M40	15	RM63M40FE
M63	M50	15	RM63M50FE
M75	M20	15	RM75M20FE
M75	M25	15	RM75M25FE
M75	M32	15	RM75M32FE
M75	M40	15	RM75M40FE
M75	M50	15	RM75M50FE
M75	M63	15	RM75M63FE

**ADAPTOR**

Thread		Male Thread Length	Cat #
Male	Female		
M16	M20	15	AM16M20FE
M20	M25	15	AM20M25FE
M25	M32	15	AM25M32FE
M32	M40	15	AM32M40FE
M40	M50	15	AM40M50FE
M50	M63	15	AM50M63FE
M63	M75	15	AM63M75FE



INDUSTRIAL METRIC STOPPING PLUGS

Industrial Metric Stoppers are designed as a cost effective alternative to the Hazardous area range. This industrial range is kept in two styles, either brass nickel plated or nylon suitable for most applications.

Material : Brass Nickel Plated
PP Ratings : IP66 if fitted with sealing washer



Size	Cat #
M16	SPM16
M20	SPM20
M25	SPM25
M32	SPM32
M40	SPM40
M50	SPM50
M63	SPM63

PG Stopping Plugs

Industrial PG Stoppers are designed as a cost effective alternative to the Hazardous area range. This industrial range is kept in two styles, either brass nickel plated or nylon suitable for most applications.

Material : Brass Nickel Plated
IP Ratings : IP66 if fitted with sealing washer



Size	Cat #
PG7	SPG7
PG9	SPG9
PG11	SPG11
PG13.5	SPG13.5
PG16	SPG16
PG21	SPG21
PG29	SPG29
PG36	SPG36
PG42	SPG42
PG48	SPG48

We are able to supply stoppers in many different thread forms including Imperial (ET), BSP & National Pipe Taper (NPT).