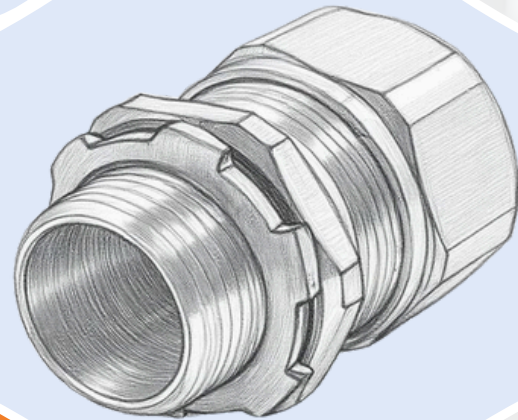
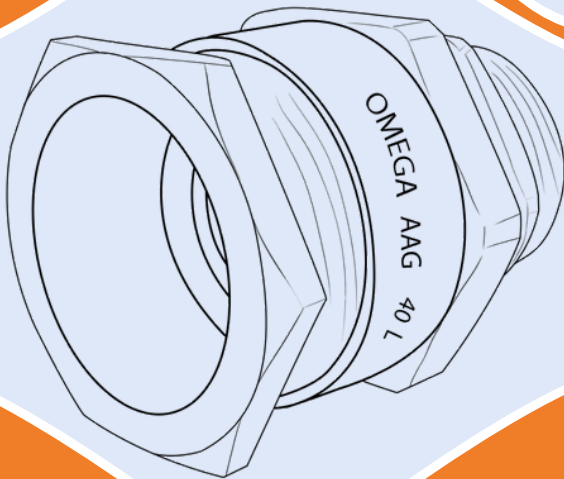
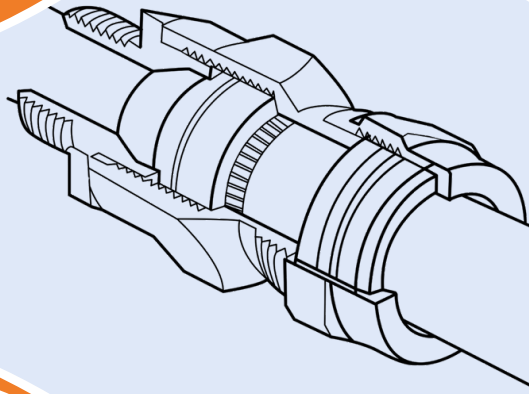




CABLE GLANDS

High-Performance Glands for
Industrial & Hazardous
Environments.

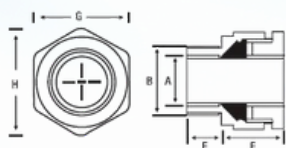
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A1 / A2 Brass Gland

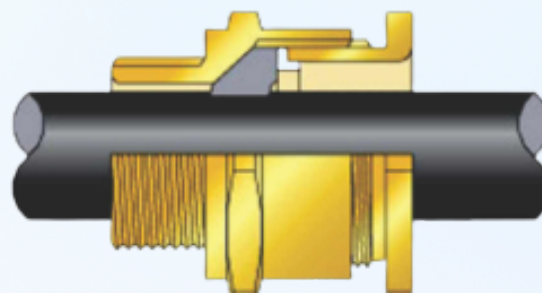
A1 / A2 Gland for Unarmoured Cable

- Designed according to **BS 6121: Part 1**
- Suitable for **unarmoured, plastic, or rubber-sheathed cables**
- Ideal for **indoor and outdoor applications**
- **IP66-rated seal** for reliable protection
- **Finish options:** Natural Brass, Electro-Tinned, and Nickel



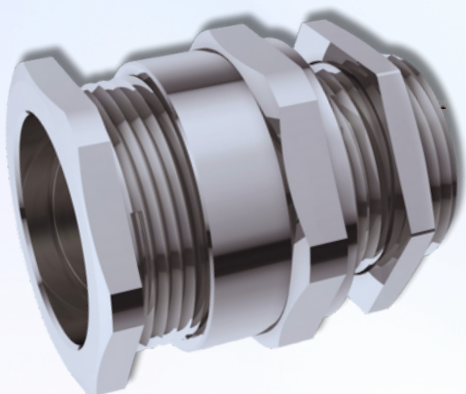
Applications

- Industrial and commercial electrical installations
- Power distribution panels
- Lighting and control systems
- Indoor and outdoor wiring projects



Key Features & Benefits

- Easy to install and maintain
- Robust and durable brass construction
- Resistant to corrosion and environmental effects
- Suitable for a wide range of cable sizes

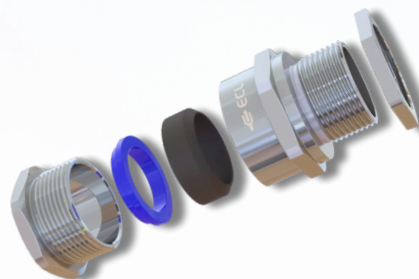
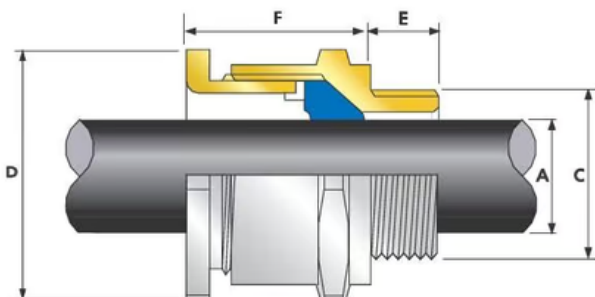


A2 Flameproof Gland for Unarmoured Cable

- Safe use in hazardous environments
- Compliance with BS 5501 Pt1 and Pt6
- A2F variant designed for flameproof and increased safety applications
- Thread options: Metric threads to BS 3643 or imperial threads

Applications

- Oil, gas, and chemical industries
- Hazardous electrical zones
- Industrial plants with flammable materials
- Mining and processing facilities



Key Features & Benefits

- Flameproof and explosion-safe design
- High mechanical strength
- Long-lasting performance in tough conditions
- Certified for hazardous area use

A1 / A2 Brass Gland – Size & Dimension Table

Size		Gland Dimensions Approx.			Gland Dimensions			Product Code
	Overall Diameter A		ISO Entry Thread		Approx. length from shoulder	Hexagon Size		
	Min. mm	Max. mm	ISO Entry Thread			Across flat	Across corners	
			D mm	E mm	Fmm	G mm	H mm	
16	4.5	8.5	16	10	20	23	20	AA2 16
20S	8	11.5	20	10	22	25	22	AA2 20S
20	11	14	20	10	22	25	22	AA2 20
25S	14	17.5	20	10	30	34	25	AA2 25S
25	17.5	20.4	25	10	30	34	26	AA2 25
32	20	26	32	10	36	40	30	AA2 32
40S	26	30	40	10	46	52	31	AA2 40S
40	30	33	40	15	46	52	31	AA2 40
50S	33	38	50	15	55	61	33	AA2 50S
50	38	44	50	15	56	62	33	AA2 50
63S	44	50.5	63	15	70	77.5	35	AA2 63S
63	50	56	63	15	70	77.5	35	AA2 63
75S	56.5	62	75	15	80	89	35	AA2 75S
75	62	68	75	15	80	89	40	AA2 75
90	68	78	90	20	100	112	45	AA2 90
100	78	88	100	20	112	125	45	AA2 100

BW Brass Gland (2-Part)

Applications

- Designed for use with armoured or braided cables
- Securely clamps cable armour and provides effective electrical continuity
- Suitable for dry, indoor installations
- Ensures reliable grounding between the armour and gland entry component



Key Features & Benefits

- Manufactured in accordance with BS 6121: Part 1
- Ingress Protection Rating: IP54
- Finish options: Natural Brass, Electro-Tinned, and Nickel
- Thread options:
- Metric threads compliant with BS 3643
- Imperial threads available (ET)
- Also available in Aluminium (BS 1474) cable gland version



Gland Size & Dimensional Specifications

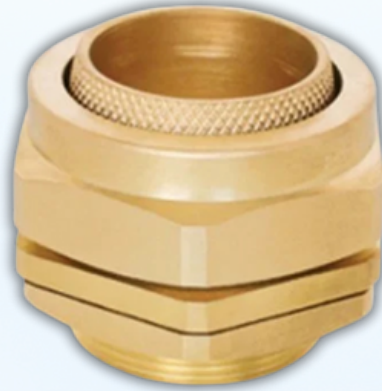
Size		Gland Dimensions Approx.			Gland Dimensions			Product Code
	Overall Diameter A		ISO Entry Thread		Approx. length from shoulder	Hexagon Size		
	Min. mm	Max. mm	ISO Entry Thread			Across flat	Across corners	
			D mm	E mm	Fmm	G mm	H mm	
16	8.6	13.5	16	10	20	23	20	AA2 16
20S	12.3	17	20	10	22	25	22	AA2 20S
20	14.3	20	20	10	22	25	22	AA2 20
25S	18	23.8	20	10	30	34	25	AA2 25S
25	20.4	27	25	10	30	34	26	AA2 25
32	26.5	33	32	10	36	40	30	AA2 32
40S	31	37	40	10	46	52	31	AA2 40S
40	32.5	43	40	15	46	52	31	AA2 40
50S	37.8	48	50	15	55	61	33	AA2 50S
50	44	53	50	15	56	62	33	AA2 50
63S	50.5	60.5	63	15	70	77.5	35	AA2 63S
63	56.5	65.5	63	15	70	77.5	35	AA2 63
75S	62.5	72	75	15	80	89	35	AA2 75S
75	67.5	78.5	75	15	80	89	40	AA2 75
90	80	93	90	20	100	112	45	AA2 90

BW BRASS GLAND (3 PARTS)

TECHNICAL SPECIFICATIONS

Materials

- **Gland Body, Cap & Rings:** High-quality brass
- **Seals:** Nitrile rubber
- **Shroud / Sleeve:** Black Polyvinyl Chloride (PVC)
- **Earth Tag:** Natural brass



Design & Construction

- Similar in application and design to the BW (2-part) cable gland
- Includes an additional cone ring as a third component
- The cone ring prevents cable rotation and replaces the conventional knurled cone
- Ensures secure armour clamping and reliable earth continuity
- Suitable for industrial-grade electrical installations



Key Features & Benefits

- Robust brass construction for long service life and corrosion resistance
- Nitrile rubber seal provides dependable sealing performance
- PVC shroud offers insulation, strain relief, and cable protection
- Cone ring design prevents rotation of armour wires during installation
- Provides positive armour clamping and excellent electrical earth continuity
- Compatible with ISO metric entry threads
- Precision-machined hexagon for easy tightening and installation
- Reliable performance under standard industrial operating conditions

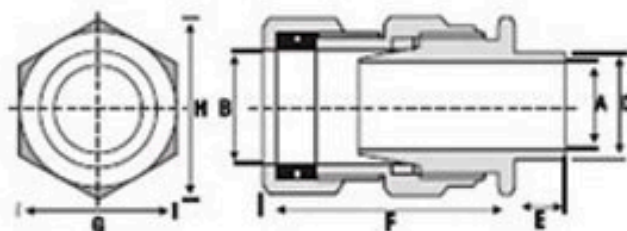
Cable Dimensions Accommodate & Gland Dimensions

Size	Cable Dimensions Accommodate			Gland Dimensions					Product Code
	Under Armour	Overall	Armour Wire Dia C	ISO Entry Thread		Approx Length from Shoulder	Hexagon Size	Hexagon Size	
	Dia A Max	Dia B Max		Dia	Length		Across Flat	Across Corners	
	mm	mm		D (mm)	E (mm)		G (mm)	H (mm)	
16	8.6	13.5	0.9	16	10	23	20	23	ABW 16
20 S	12.3	17	0.90 / 1.25	20	10	23	23	24	ABW 20 S
20	14.3	20	0.90 / 1.25	20	10	30	25	27	ABW 20
25 S	18	23.8	1.25 / 1.60	25	10	30	31	32.5	ABW 25 S
25	20.4	27	1.25 / 1.60	25	10	32	30	38.5	ABW 25
32	26.5	33	1.60 / 2.00	32	10	36	41.5	45.5	ABW 32
40 S	31	37	1.60 / 2.00	40	10	36	45	50	ABW 40 S
40	32.5	43	1.60 / 2.00	40	15	40	49	54	ABW 40
50 S	37.8	48	2.00 / 2.50	50	15	40	58	65	ABW 50 S
50	44	53	2.00 / 2.50	50	15	45	62.3	69.5	ABW 50
63 S	50.5	60.5	2.5	63	15	45	70	77	ABW 63 S
63	56.5	65.5	2.5	63	15	50	76.3	85	ABW 63
75 S	62.5	72	2.5	75	15	50	85	95	ABW 75 S
75	67.5	78.5	2.50 / 3.15	75	15	75	90.5	99	ABW 75
90	80	93	3.15	90	20	75	112	125	ABW 90

CW BRASS GLAND (3 PARTS)

Design & Construction

- Designed for use with armored cables.
- Secures cable armoring while maintaining electrical continuity between the armor and the gland entry component.
- Provides a protective seal on the cable's outer sheath, preventing damage during installation.
- Suitable for hazardous and industrial environments.



Design & Construction

- Two-Part Armor/Earth Lock: Ensures secure fastening and reliable electrical connection.
- Knurled Armor Lock: Produces a low-resistance earth clip for optimal conductivity.
- Durable Finishes: Available in Natural Brass, Electro-Tinned, and Nickel for corrosion resistance.
- Compliance: Meets BS5501 Pt1 & Pt6 standards.
- Hazard-Ready: CW-rated for flameproof and increased safety applications.
- Enhanced Cable Protection: Prevents damage to cable sheath while providing a tight, secure seal.
- Versatile Use: Suitable for indoor, outdoor, and industrial installations.



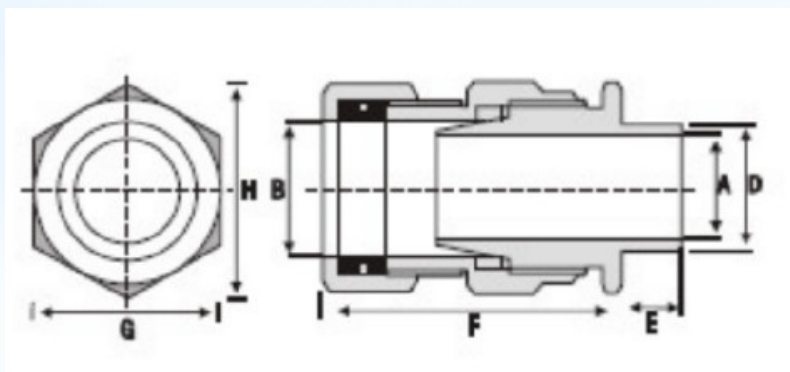
Cable Dimensions / Gland Dimensions Table

Size	Cable Dimensions Accommodate			Gland Dimensions					Prod. Code
	Under Armour	Overall	Armour	ISO Entry Thread		Approx Length	Hexagon Size		
	Dia A Max	Dia B Max	Wire Dia C	Dia	Length	From Shoulder	Across Flat	Across Corner s	
	mm	mm	mm	D mm	E mm	F mm	G mm	H mm	
16	12.5	13.5	0.9	16	10	40	20	23	ACW 16
20S	14.4	17	0.90/1.25	20	10	47	22	29	ACW 20 S
20	17.8	20.5	0.90/1.25	20	10	47	26	29	ACW 20
25S	20.4	23.8	1.25/1.60	25	10	50	31	34	ACW 25 S
25	26.5	27	1.25/1.60	25	10	50	34	38.5	ACW 25
32	31	33	1.60/2.00	32	10	55	41.5	46.5	ACW 32
40S	32.5	37	1.60/2.00	40	10	60	45	50	ACW 40 S
40	37.8	40.8	1.60/2.00	40	15	60	49	54	ACW 40
50S	44	45	2.00/2.50	50	15	65	51	64	ACW 50 S
50	50.5	51.5	2.00/2.50	50	15	65	62.3	69.5	ACW 50
63S	56.5	60.5	2.5	63	15	70	70	78	ACW 63 S
63	62.5	65.5	2.5	63	15	70	76.3	85	ACW 63
75S	67.5	72	2.5	75	15	75	85	95	ACW 75 S
75	80	78.5	2.50/3.15	75	15	75	91	112	ACW 75
90		90	3.15	90	20	90	103	115	ACW 90

CW BRASS GLAND (4 PARTS)

Product Overview

The CW Brass Gland (4-Part) is a high-performance cable gland specifically designed for the secure termination of Single Wire Armoured (SWA) cables. Engineered to meet the demands of industrial, commercial, and infrastructure installations, this gland ensures excellent mechanical retention, reliable earthing, and superior environmental protection.



Key Features & Benefits

- **Standards-Compliant:** Fully meets BS 6121: Part 1 for quality, safety, and performance.
- **For SWA Cables:** Designed for Single Wire Armoured cables with plastic or rubber sheaths.
- **Secure Armour Clamping:** Separate locking ring ensures strong retention and reliable earth continuity.
- **Outer Sheath Protection:** Seals against dust, moisture, and mechanical stress.
- **High IP Protection:** Rated IP66 for dust and water resistance.
- **Weatherproof:** Suitable for indoor and outdoor installations in varying climates.
- **Durable Brass Construction:** Corrosion-resistant and long-lasting.
- **Electrical Safety:** Ensures effective earth continuity.
- **Easy Installation:** 4-part design for quick and correct assembly.
- **Versatile Use:** Ideal for panels, junction boxes, switchgear, enclosures, and industrial equipment.



Cable Dimensions Accommodate & Gland Dimensions (ACW Series)

Size	Cable Dimensions Accommodate			Gland Dimensions					Prod. Code
	Under Armour	Overall	Armour	ISO Entry Thread		Approx Length	Hexagon Size		
	Dia A Max	Dia B Max	Wire Dia C	Dia	Length	From Shoulder	Across Flat	Across Corners	
	mm	mm	mm	D mm	E mm	F mm	G mm	H mm	
16	12.5	13.5	0.9	16	10	40	20	23	ACW 16
20S	14.4	17	0.90/1.25	20	10	47	22	29	ACW 20 S
20	17.8	20.5	0.90/1.25	20	10	47	26	29	ACW 20
25S	20.4	23.8	1.25/1.60	25	10	50	31	34	ACW 25 S
25	26.5	27	1.25/1.60	25	10	50	34	38.5	ACW 25
32	31	33	1.60/2.00	32	10	55	41.5	46.5	ACW 32
40S	32.5	37	1.60/2.00	40	10	60	45	50	ACW 40 S
40	37.8	40.8	1.60/2.00	40	15	60	49	54	ACW 40
50S	44	45	2.00/2.50	50	15	65	51	64	ACW 50 S
50	50.5	51.5	2.00/2.50	50	15	65	62.3	69.5	ACW 50
63S	56.5	60.5	2.5	63	15	70	70	78	ACW 63 S
63	62.5	65.5	2.5	63	15	70	76.3	85	ACW 63
75S	67.5	72	2.5	75	15	75	85	95	ACW 75 S
75	80	78.5	2.50/3.15	75	15	75	91	112	ACW 75
90		90	3.15	90	20	90	103	115	ACW 90



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