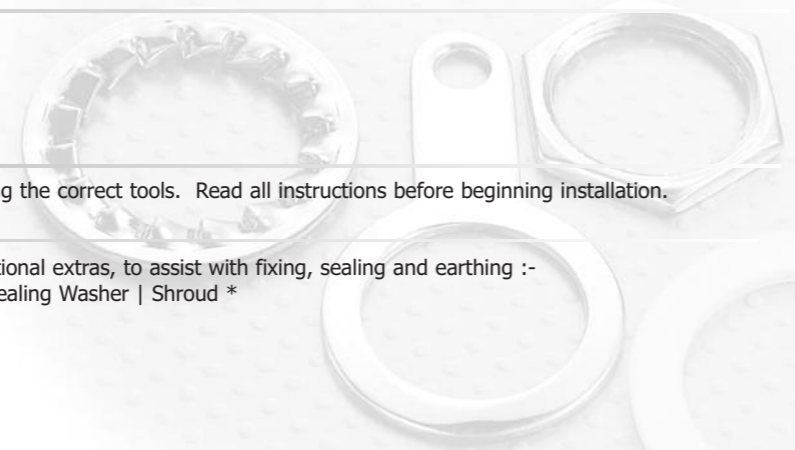


TECHNICAL DATA
 CABLE GLAND TYPE : CW, CX CIEL Glands
 INGRESS PROTECTION : IP66, IP67
 DESIGN STANDARDS : BS6121:1989, EN50262
 PROCESS CONTROL SYSTEM : BS EN ISO 9001

INSTALLATION INSTRUCTIONS
 Installation should only be performed by a competent person using the correct tools. Read all instructions before beginning installation.

ACCESSORIES
 The following accessories are available from CMP Products, as optional extras, to assist with fixing, sealing and earthing :-
 Locknut | Earth Tag | Serrated Washer | Entry Thread (I.P.) Sealing Washer | Shroud *



Cable Gland Size	Entry Thread	Min Thread Length	Cable Bedding Diameter		Overall Cable Diameter		CW Armour Range +		CX Armour Range +		Across Flats	Across Corners	Protrusion Length	CW Ordering Reference (Brass Metric)	CX Ordering Reference (Brass Metric)	PVC Shroud Ref*	Cable Gland Weight (Kgs)
			Max	Min	Max	Min	Max	Min	Max	Max							
20S/16	M20	10.0	8.7	6.1	11.5	0.9	1.0	0.0	1.0	24.0	25.9	43.0	20S16CWC1RA	20S16CXC1RA	PVC04	0.118	
20S	M20	10.0	11.7	9.5	15.9	0.9	1.25	0.0	1.0	24.0	25.9	43.0	20SCWC1RA	20SCXC1RA	PVC04	0.118	
20	M20	10.0	14.0	12.5	20.9	0.9	1.25	0.0	1.0	30.5	32.9	50.0	20CWC1RA	20CXC1RA	PVC06	0.159	
25S	M25	10.0	20.0	14.0	22.0	1.25	1.6	0.0	1.0	36.0	38.9	55.0	25SCWC1RA	25SCXC1RA	PVC09	0.228	
25	M25	10.0	20.0	18.2	26.2	1.25	1.6	0.0	1.0	36.0	38.9	55.0	25CWC1RA	25CXC1RA	PVC09	0.228	
32	M32	10.0	26.3	23.7	33.9	1.6	2.0	0.0	1.0	46.0	49.7	58.0	32CWC1RA	32CXC1RA	PVC11	0.362	
40	M40	15.0	32.2	27.9	40.4	1.6	2.0	0.0	1.0	55.0	59.4	55.0	40CWC1RA	40CXC1RA	PVC15	0.520	
50S	M50	15.0	38.2	35.2	46.7	2.0	2.5	0.0	1.0	60.0	64.8	56.0	50SCWC1RA	50SCXC1RA	PVC18	0.579	
50	M50	15.0	44.1	40.4	53.1	2.0	2.5	0.0	1.0	70.1	75.7	70.0	50CWC1RA	50CXC1RA	PVC21	0.601	
63S	M63	15.0	50.0	45.6	59.4	2.0	2.5	0.0	1.0	75.0	81.0	70.0	63SCWC1RA	63SCXC1RA	PVC23	1.054	
63	M63	15.0	56.0	54.6	65.9	2.0	2.5	0.0	1.0	80.0	86.4	80.0	63CWC1RA	63CXC1RA	PVC25	1.200	
75S	M75	15.0	62.0	59.0	72.1	2.0	2.5	0.0	1.0	90.0	97.2	81.1	75SCWC1RA	75SCXC1RA	PVC28	1.779	
75	M75	15.0	68.0	66.7	78.5	2.5	3.0	0.0	1.0	100.0	108.0	96.0	75CWC1RA	75CXC1RA	PVC30	2.370	
90	M90	15.0	8.0	76.2	90.4	3.0	3.5	0.0	1.6	114.0	123.1	120.0	90CWC1RA	90CXC1RA	PVC32	3.515	
100	M100	15.0	91.0	86.1	101.5	3.15	4.0	0.0	1.6	123.0	132.8	140.0	100CWC1RA	100CXC1RA	150/50HST	4.100	
115	M115	15.0	98.0	101.5	110.3	3.15	4.0	0.0	1.6	133.4	144.1	160.0	115CWC1RA	115CXC1RA	180/60HST	4.600	
130	M130	15.0	115.0	114.2	123.3	3.15	4.0	0.0	1.6	146.1	157.8	169.0	130CWC1RA	130CXC1RA	180/60HST	5.200	

Dimensions are displayed in millimetres unless otherwise stated

NOTE: *CMP SOLO LSF Halogen Free Shrouds also available on request. + Alternative armour clamping range available for non-standard armour sizes. Marine Approvals including Lloyds & ABS are also available from CMP Products.

Cable Gland Selection Table

ASSEMBLY FITTING INSTRUCTIONS FOR INSTALLATION OF CMP CABLE GLAND TYPES CW & CX WITH CAST INTEGRAL EARTH LUG

FOR TERMINATION OF CABLES WITH WIRE BRAID USING GLAND TYPE CX OR SINGLE WIRE ARMOUR (SWA) USING GLAND TYPE CW INCORPORATING A CAST INTEGRAL EARTH LUG.

CABLE GLAND TYPES CW CIEL & CX CIEL



CW CIEL = SWA armour
 CX CIEL = Braid, Tape, etc armour



CMP PRODUCTS



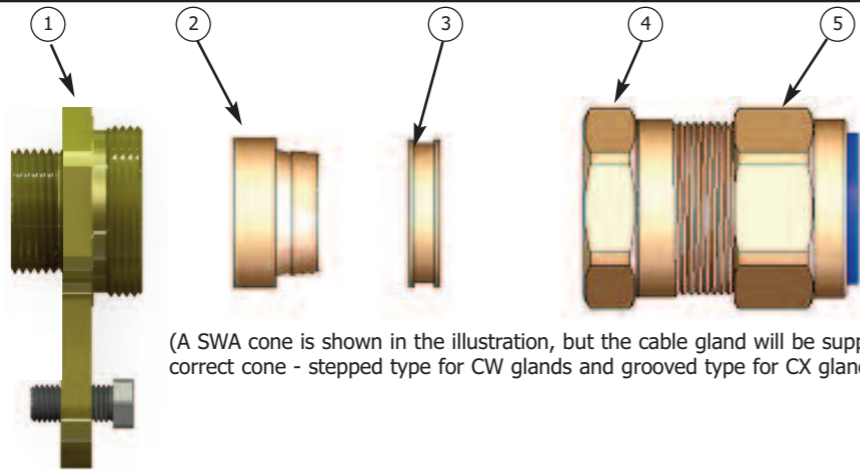
Glasshouse Street • St. Peters • Newcastle upon Tyne • NE6 1BS
 Tel: +44 191 265 7411 • Fax: +44 191 265 0581
 E-Mail: cmp@cmp-products.co.uk • Web: www.cmp-products.com



INSTALLATION INSTRUCTIONS FOR CMP CABLE GLAND TYPES CW & CX

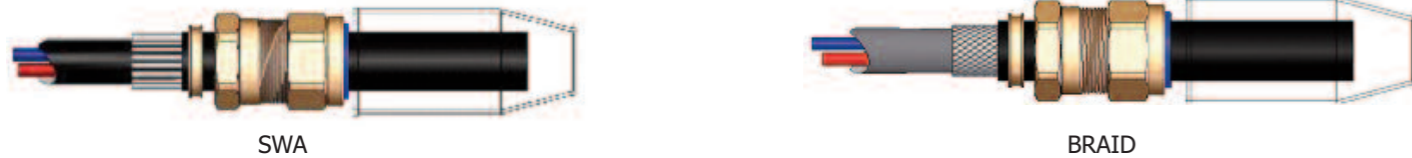
CABLE GLAND COMPONENTS

1. Entry Component
2. Detachable Armour Cone
3. AnyWay Clamping Ring
4. Body
5. Outer Seal Nut

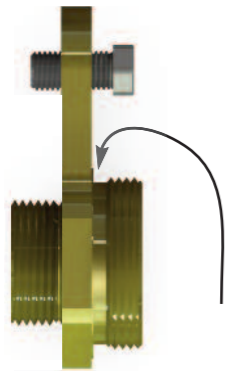


PLEASE READ ALL INSTRUCTIONS CAREFULLY BEFORE BEGINNING THE INSTALLATION

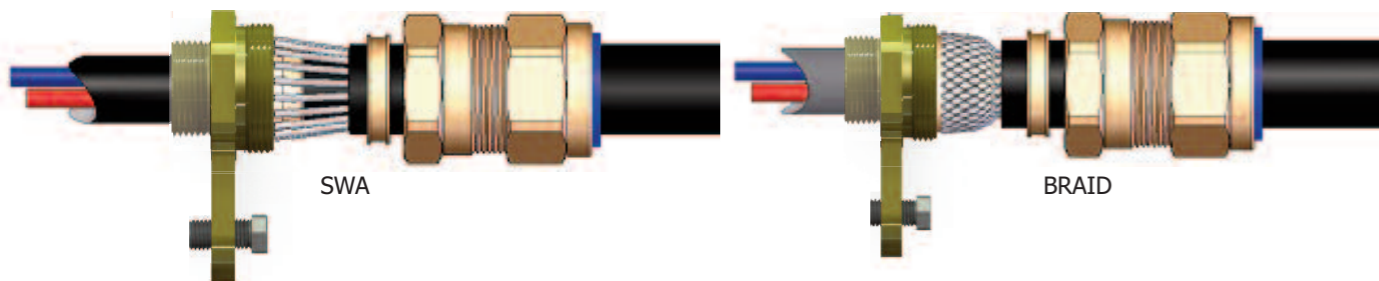
1. Separate components (1), (2) and (3) from Sub-Assembly B. If required, fit a shroud over the cable outer sheath. Prepare the cable by removing the cable outer sheath and the braid/armor to suit the geometry of the equipment. Remove a further 18mm (max) of outer sheath to expose the armour. If applicable remove any tapes or wrappings to expose the inner sheath. NOTE: On maximum size cables the clamping ring may only pass over the armour.



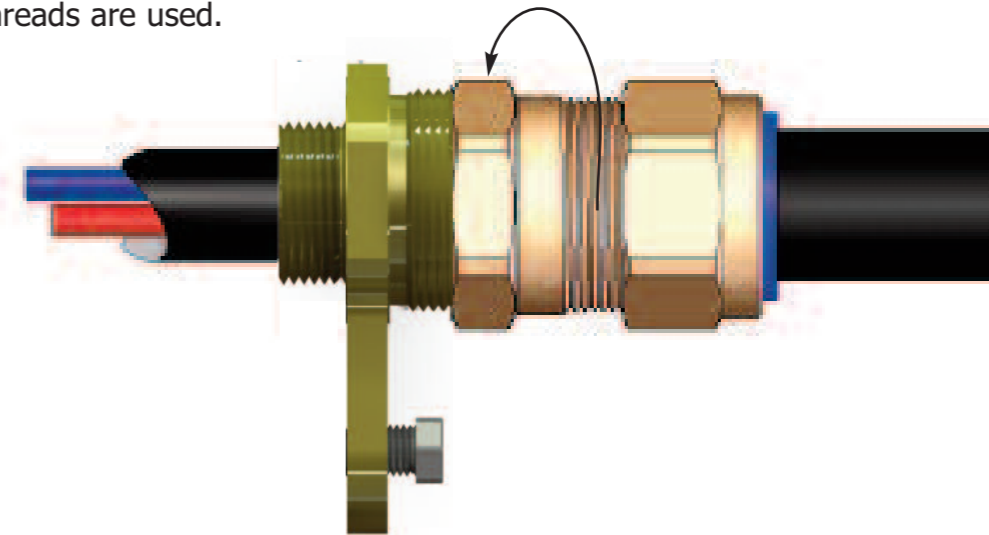
2. Secure the Entry Component (1) into the equipment as indicated.



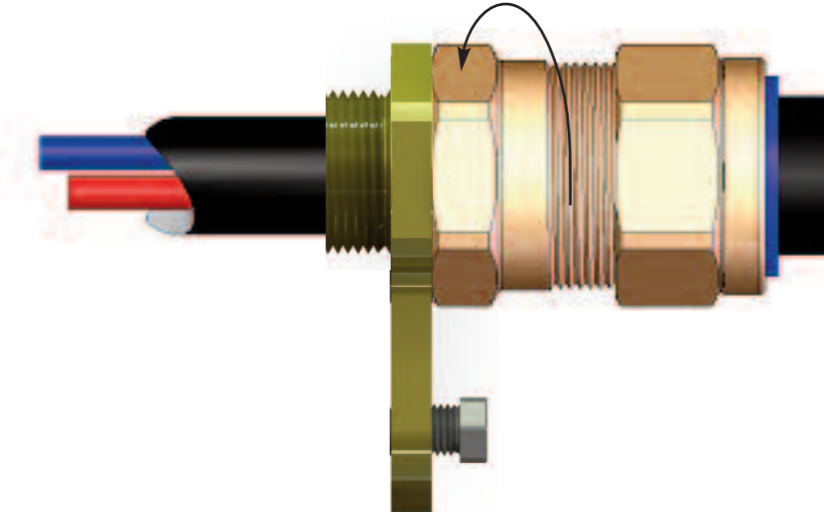
3. Locate the Detachable Armour Cone (2) into the Entry Component. Pass the cable through the entry item and evenly space the braid/armour around the cone.



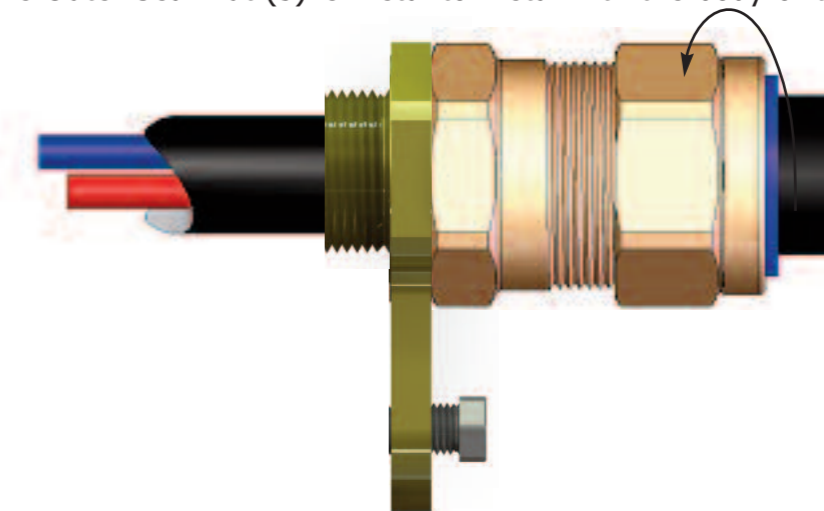
4. While continuing to push the cable forward to maintain contact between the braid armour and the Cone (2), tighten the Body (4) by hand until the AnyWay Clamping Ring (3) is felt to have engaged the braid/armour. Hold the Entry Component (1) with a spanner and tighten the Body (4) using a spanner until all available threads are used.



5. Ensure the Entry Item (1) and Body (4) are fully tightened together



6. Tighten the Outer Seal Nut (5) until it comes to an effective stop. This will occur when:-
 A) The Outer Seal Nut (5) has clearly engaged the cable and cannot be further tightened without the use of excessive force by the installer.
 B) The Outer Seal Nut (5) is metal to metal with the body of the gland (4).



7. Connect the earth cable to the Earth Bolt (6) and tighten.