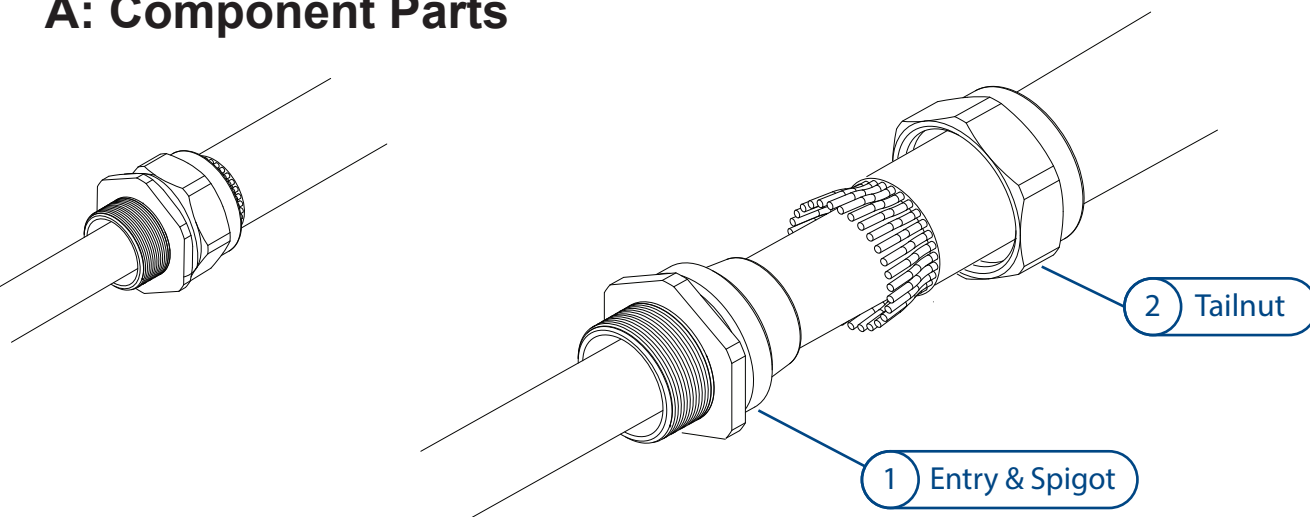


Cable Gland Assembly Instructions

BW Industrial Gland



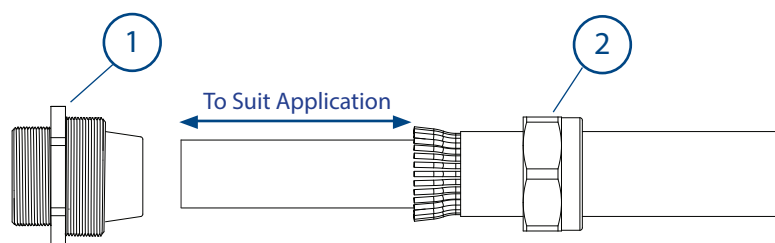
A: Component Parts



B: Cable Preparation:

Separate factory assembled cable gland into Entry (1) and Tailnut (2) .

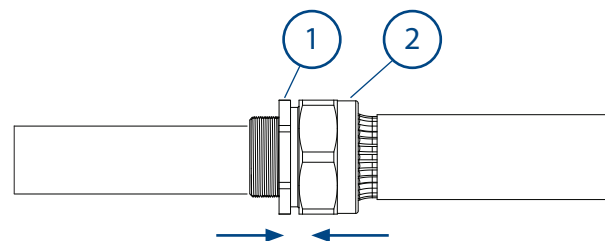
Slide Tailnut (2) onto the cable. Cut cable to desired length and strip outer sheath and expose armour.



C: Installing Cable Gland:

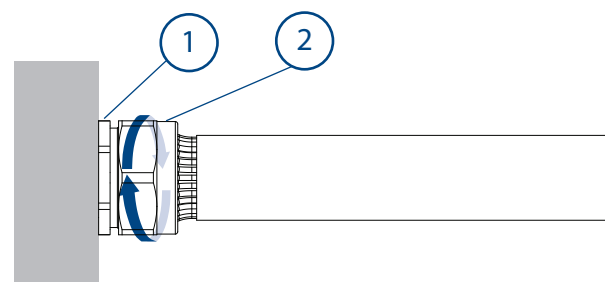
STEP 1: Fit Tailnut To Entry & Spigot

Slide Tailnut (2) over cable, push it up to Spigot (1) shoulder and hand tighten.



STEP 2: Tighten Tailnut

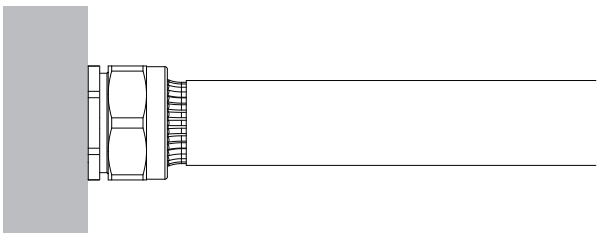
Hold Entry & Spigot(1) in position with a spanner/wrench to prevent rotation and tighten the Tailnut (2).



NOTE: Support the cable to prevent it twisting. To aid wiring inside the enclosure, it may be necessary to strip the inner sheath prior to bringing the cable through the gland.

Step 3 : Completion

Installation now complete.



TECHNICAL DATA

Cable Gland Type: BW

Equipment Type: Industrial Compression Cable Glands

Ingress Protection: IP2X

Operating Temp: -20°C to +130°C

CABLE GLAND SELECTION TABLE

Part No. PVC Kit	Part No. LSF Kit	Entry Thread		Cable Acceptance Details					Nominal Length (mm)	Hexagon Dimensions (mm)	
				Cable Bedding	Outer Sheath		Armour Wire Range				
		Diameter(mm)	Diameter(mm)		Min	Max	Min	Max		Across Flats	Across Corners
		Metric	Length (mm)	Max	Min	Max	Min	Max			
BW20S	BW20SLSF	M20	15.0	11.7	9.5	15.6	0.9	1.25	18	21.0	23.3
BW20	BW20LSF	M20	15.0	14.0	12.5	18.0	0.9	1.3	22	23.5	26.0
BW25	BW25LSF	M20	15.0	20.0	18.2	26.0	1.3	1.6	26	31.5	35.5
BW32	BW32LSF	M25	15.0	26.3	23.7	33.5	1.6	2.0	28	40.5	45.5
BW40	BW40LSF	M32	15.0	32.2	27.9	39.9	1.6	2.0	30	49.5	54.5
BW50S	BW50SLSF	M40	15.0	38.2	35.2	46.3	2.0	2.5	30	57.0	62.5
BW50	BW50LSF	M50	15.0	44.1	40.4	52.0	2.0	2.5	32	61.0	67.0
BW63S	BW63SLSF	M50	15.0	50.0	45.6	55.0	2.0	2.5	38	70.2	76.2
BS63	BW63LSF	M63	15.0	56.0	54.6	64.0	2.0	2.5	38	76.0	82.5
BW75S	BW75SLSF	M63	15.0	62.0	59.0	71.5	2.0	2.5	40	85.0	93.0
BW75	BW75LSF	M75	15.0	68.0	66.7	78.0	2.0	2.5	40	90.0	99.0

BW20S - BW75 size metric entry threads are 1.5mm pitch as standard.

Notes:

- Maximum clearance hole for each entry = nominal hole ± 0.7 mm.
- Earthing for armoured glands is provided by ensuring that the glands have been correctly terminated and bonded.
Accessories for earth tags are available.
- Category B for protective connection to earth.
- Resistant to salt corrosion.
- Typical torque range
(M20) 12Nm up to (M75) 30Nm:
M12–M20: 6–12 Nm
M25–M40: 12–18 Nm
M50–M63: 20 Nm
M75: 30 Nm

EU Declaration of Conformity i

Manufacturer: Hawke International, Ashton Rd, Bredbury Park Industrial Estate, Stockport, SK6 2QN, United Kingdom
Equipment: BW Cable Gland
Harmonized Standards used: BS EN 62444:2013, IEC 62444:2010, BS EN 60529:1992+A2:2018, BS6121-1:2005

On behalf of the above named company, I declare that on the date the equipment, accompanied by this declaration, is placed on the market the equipment conforms with all technical and regulatory requirements of the above listed directives.

Michael Truswell
Technical Manager



Scan Here

UK Alternative Languages
Certificates
More Product Info

UK Office
Bredbury Park Industrial Estate,
Ashton Rd,
Stockport, SK6 2QN, UK

Sales: +44 (0) 141 882 5555
Technical: +44 (0) 141 810 9600

