

Types Of Glands

BW Gland

Used for indoor only

CW Gland

Used for indoor and outdoor
(Weather proof to IP66)

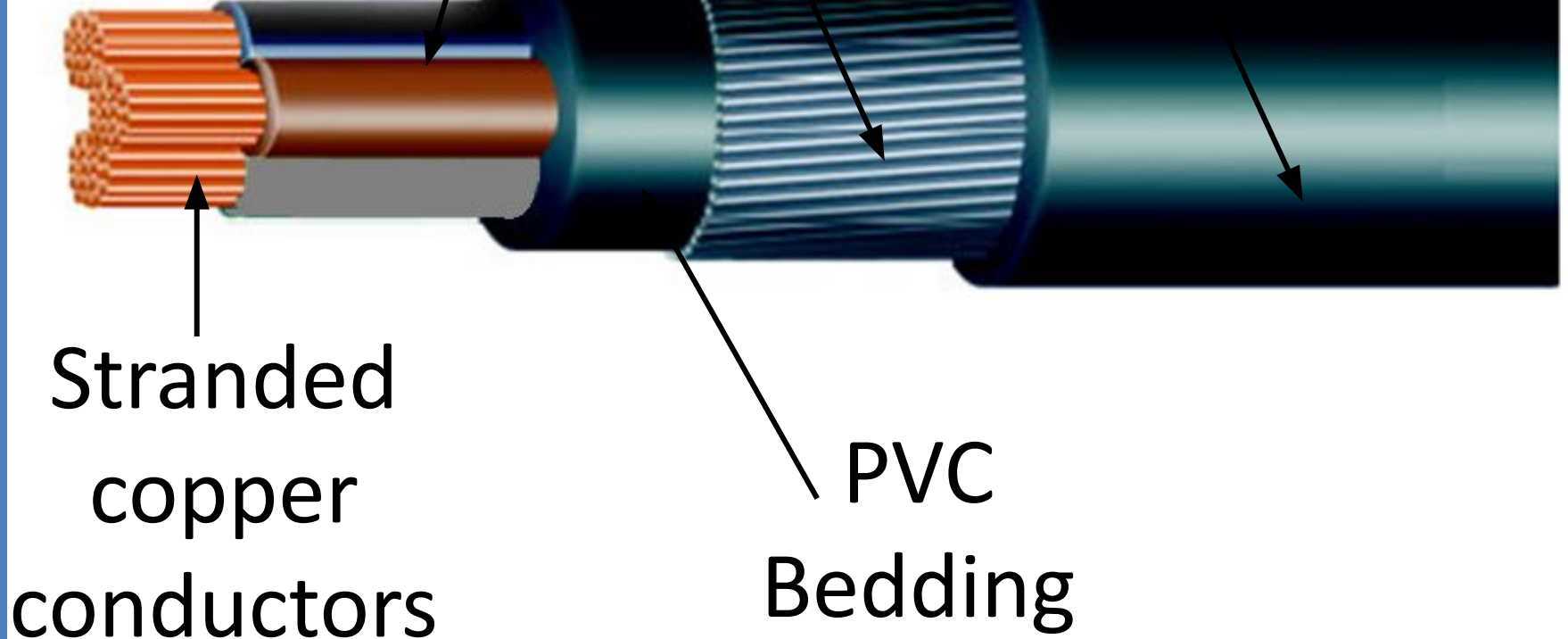
EX Glands

Explosion protection

Cable

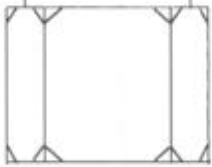
XLPE SWA PVC Sheath

Cross-Linked
Polyethylene

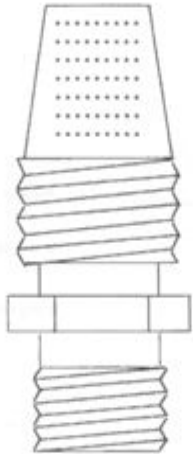


Standard Indoor SWA Gland (BW)

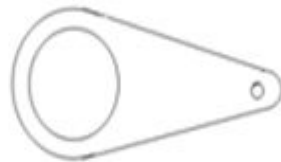
Back Nut



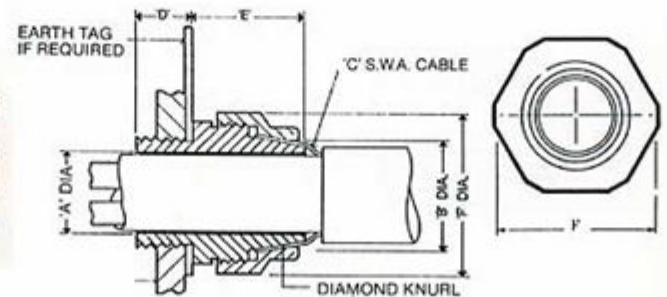
Shroud



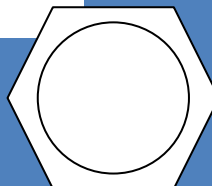
Gland Body



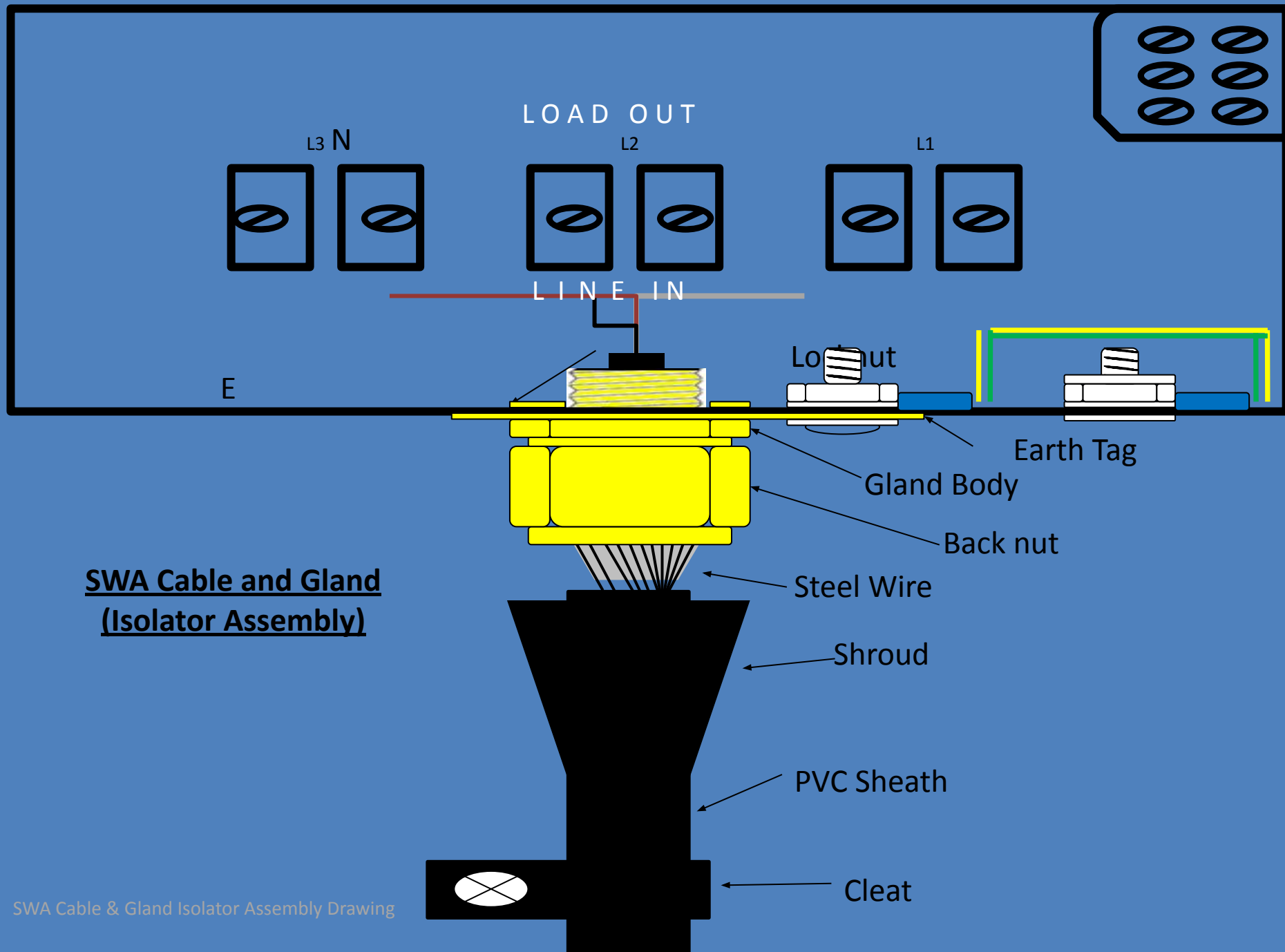
Earth Tag



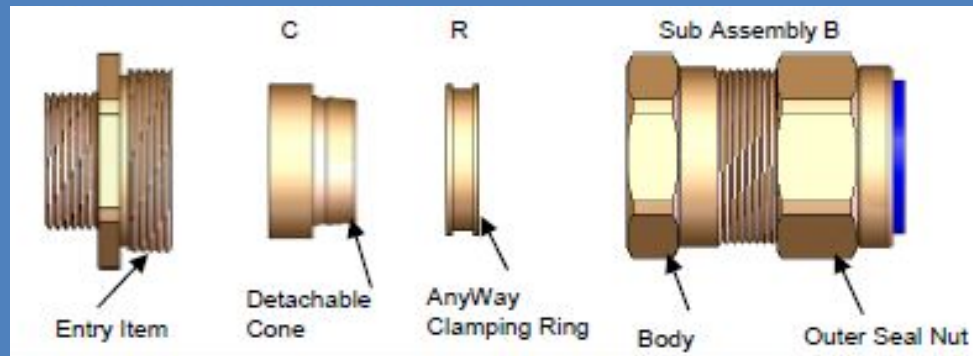
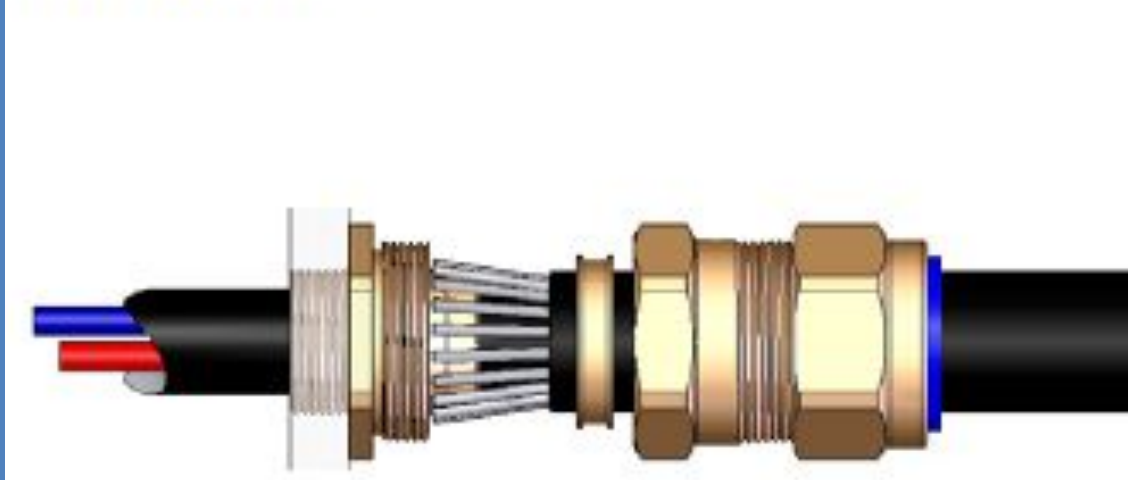
Lock Nut







Standard Outdoor SWA Gland (CW)

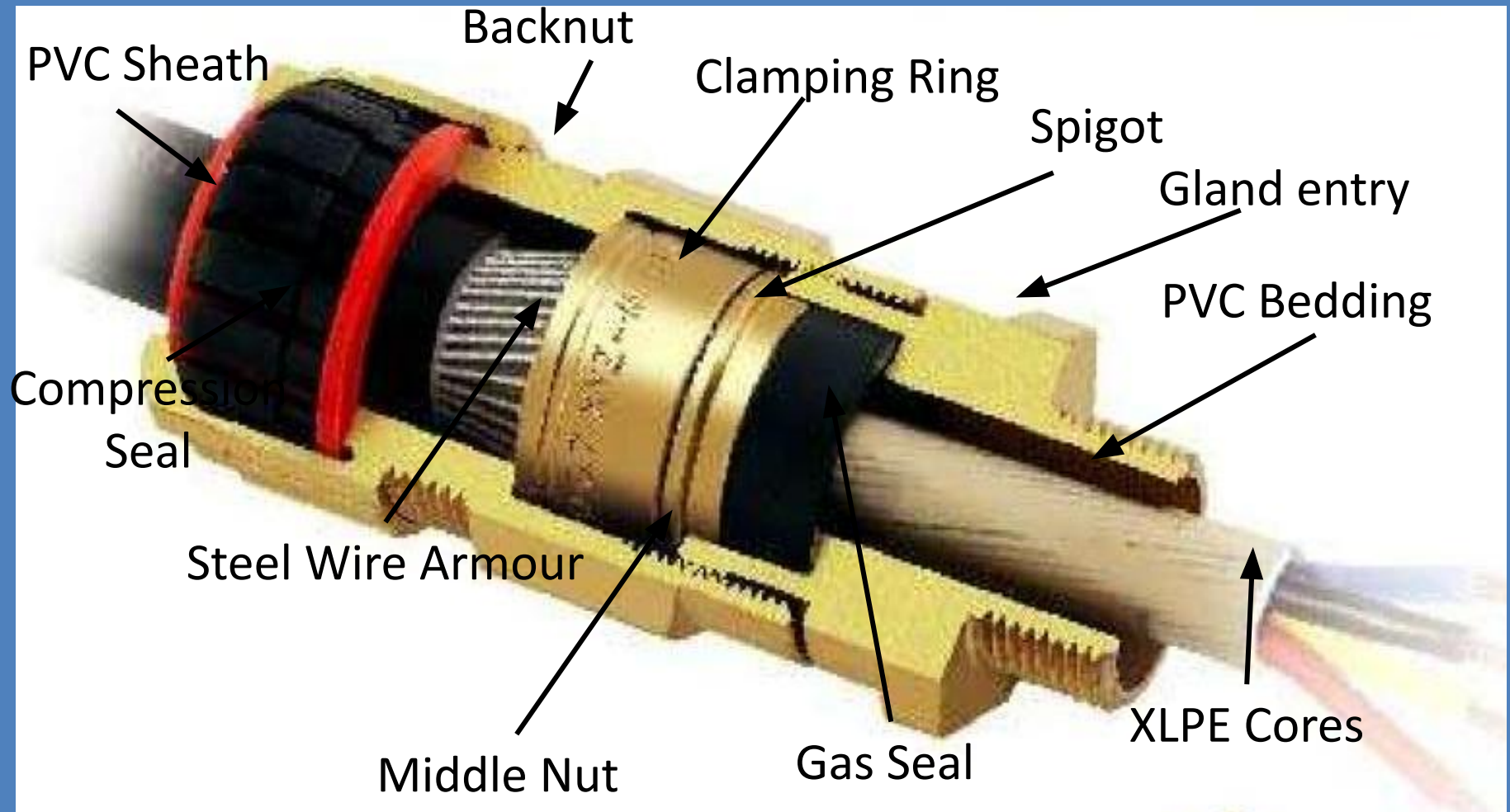


Ex Intrinsically Safe Electrical Equipment



Enclosures containing electrical Equipment may cause arcing and sparking and flammable mixtures may enter the enclosure or junction box. The cable gland design is specified to contain an internal explosion and prevent transmission of sufficient energy to ignite a potentially flammable atmosphere outside the enclosure or junction box.

Flameproof SWA Gland (Ex)



Cable Gland Size Chart

Cable Gland Size Selection Chart			To suit PVC/SWA 600/1000 volt armoured cables to BS 6346											
			Number Of Cores											
Nominal Conductor Dia (mm ²)			1	2	3	4	5	7	10	12	19	27	37	48
		1.5	-	20S	20S	20S	20S	20S	20	20	25	25	32	32
		2.5	-	20S	20S	20S	20S	20	25	25	25	32	32	40
		4	-	20S	20S	20	20	25	25	32	32	40	40	50
		6	-	20	20	20								
		10	-	25	25	25								
		16	-	25	25	25								
		25 Shaped	-	25	25	32								
		25 Circular		32	32	32								
		35 Shaped	-	25	32	2								
		35 Circular	-	32	32	40								
		50	25	32	32	40								
		70	25	32	40	40								
		95	25	40	40	50S								
		120	32	40	50S	50								

SWA Gland

Armoured Gland Pack Selector Chart
NUMBER OF CORES

Number of Cores	SWA Cable Size (mm²)	SWA Cable Size (inches)	SWA Cable Weight (kg/m)	SWA Cable Weight (lb/ft)	SWA Cable Price (per 100m)	SWA Cable Price (per 100ft)
1	1.5	0.024	0.001	0.002	£1.50	\$1.50
1	2.5	0.039	0.002	0.004	£2.50	\$2.50
1	4	0.051	0.003	0.006	£4.00	\$4.00
1	6	0.063	0.005	0.010	£6.00	\$6.00
1	10	0.080	0.008	0.016	£10.00	\$10.00
1	16	0.100	0.012	0.024	£16.00	\$16.00
1	25	0.125	0.018	0.036	£25.00	\$25.00
1	35	0.150	0.025	0.050	£35.00	\$35.00
1	50	0.175	0.035	0.070	£50.00	\$50.00
1	70	0.200	0.048	0.096	£70.00	\$70.00
1	95	0.225	0.065	0.130	£95.00	\$95.00
1	120	0.250	0.085	0.170	£120.00	\$120.00
1	150	0.275	0.110	0.220	£150.00	\$150.00
1	185	0.300	0.140	0.280	£185.00	\$185.00
1	240	0.350	0.190	0.380	£240.00	\$240.00
1	300	0.400	0.250	0.500	£300.00	\$300.00
1	360	0.450	0.320	0.640	£360.00	\$360.00
1	420	0.500	0.400	0.800	£420.00	\$420.00
1	480	0.550	0.480	0.960	£480.00	\$480.00
1	560	0.600	0.580	1.160	£560.00	\$560.00
1	630	0.650	0.680	1.360	£630.00	\$630.00
1	720	0.700	0.800	1.600	£720.00	\$720.00
1	840	0.750	0.950	1.900	£840.00	\$840.00
1	960	0.800	1.100	2.200	£960.00	\$960.00
1	1100	0.850	1.300	2.600	£1100.00	\$1100.00
1	1260	0.900	1.500	3.000	£1260.00	\$1260.00
1	1440	0.950	1.700	3.400	£1440.00	\$1440.00
1	1620	1.000	1.900	3.800	£1620.00	\$1620.00
1	1800	1.050	2.100	4.200	£1800.00	\$1800.00
1	2000	1.100	2.300	4.600	£2000.00	\$2000.00
1	2250	1.150	2.500	5.000	£2250.00	\$2250.00
1	2520	1.200	2.700	5.400	£2520.00	\$2520.00
1	2800	1.250	2.900	5.800	£2800.00	\$2800.00
1	3060	1.300	3.100	6.200	£3060.00	\$3060.00
1	3360	1.350	3.300	6.600	£3360.00	\$3360.00
1	3660	1.400	3.500	7.000	£3660.00	\$3660.00
1	4000	1.450	3.700	7.400	£4000.00	\$4000.00
1	4380	1.500	3.900	7.800	£4380.00	\$4380.00
1	4800	1.550	4.100	8.200	£4800.00	\$4800.00
1	5250	1.600	4.300	8.600	£5250.00	\$5250.00
1	5730	1.650	4.500	9.000	£5730.00	\$5730.00
1	6240	1.700	4.700	9.400	£6240.00	\$6240.00
1	6780	1.750	4.900	9.800	£6780.00	\$6780.00
1	7350	1.800	5.100	10.200	£7350.00	\$7350.00
1	7950	1.850	5.300	10.600	£7950.00	\$7950.00
1	8580	1.900	5.500	11.000	£8580.00	\$8580.00
1	9240	1.950	5.700	11.400	£9240.00	\$9240.00
1	9930	2.000	5.900	11.800	£9930.00	\$9930.00
1	10650	2.050	6.100	12.200	£10650.00	\$10650.00
1	11400	2.100	6.300	12.600	£11400.00	\$11400.00
1	12180	2.150	6.500	13.000	£12180.00	\$12180.00
1	13000	2.200	6.700	13.400	£13000.00	\$13000.00
1	13860	2.250	6.900	13.800	£13860.00	\$13860.00
1	14760	2.300	7.100	14.200	£14760.00	\$14760.00
1	15700	2.350	7.300	14.600	£15700.00	\$15700.00
1	16680	2.400	7.500	15.000	£16680.00	\$16680.00
1	17700	2.450	7.700	15.400	£17700.00	\$17700.00
1	18750	2.500	7.900	15.800	£18750.00	\$18750.00
1	19830	2.550	8.100	16.200	£19830.00	\$19830.00
1	20940	2.600	8.300	16.600	£20940.00	\$20940.00
1	22080	2.650	8.500	17.000	£22080.00	\$22080.00
1	23250	2.700	8.700	17.400	£23250.00	\$23250.00
1	24450	2.750	8.900	17.800	£24450.00	\$24450.00
1	25680	2.800	9.100	18.200	£25680.00	\$25680.00
1	26940	2.850	9.300	18.600	£26940.00	\$26940.00
1	28230	2.900	9.500	19.000	£28230.00	\$28230.00
1	29550	2.950	9.700	19.400	£29550.00	\$29550.00
1	30900	3.000	9.900	19.800	£30900.00	\$30900.00
1	32280	3.050	10.100	20.200	£32280.00	\$32280.00
1	33690	3.100	10.300	20.600	£33690.00	\$33690.00
1	35130	3.150	10.500	21.000	£35130.00	\$35130.00
1	36600	3.200	10.700	21.400	£36600.00	\$36600.00
1	38100	3.250	10.900	21.800	£38100.00	\$38100.00
1	39630	3.300	11.100	22.200	£39630.00	\$39630.00
1	41190	3.350	11.300	22.600	£41190.00	\$41190.00
1	42780	3.400	11.500	23.000	£42780.00	\$42780.00
1	44400	3.450	11.700	23.400	£44400.00	\$44400.00
1	46050	3.500	11.900	23.800	£46050.00	\$46050.00
1	47730	3.550	12.100	24.200	£47730.00	\$47730.00
1	49440	3.600	12.300	24.600	£49440.00	\$49440.00
1	51180	3.650	12.500	25.000	£51180.00	\$51180.00
1	52950	3.700	12.700	25.400	£52950.00	\$52950.00
1	54750	3.750	12.900	25.800	£54750.00	\$54750.00
1	56580	3.800	13.100	26.200	£56580.00	\$56580.00
1	58440	3.850	13.300	26.600	£58440.00	\$58440.00
1	60330	3.900	13.500	27.000	£60330.00	\$60330.00
1	62250	3.950	13.700	27.400	£62250.00	\$62250.00
1	64190	4.000	13.900	27.800	£64190.00	\$64190.00
1	66150	4.050	14.100	28.200	£66150.00	\$66150.00
1	68130	4.100	14.300	28.600	£68130.00	\$68130.00
1	70140	4.150	14.500	29.000	£70140.00	\$70140.00
1	72170	4.200	14.700	29.400	£72170.00	\$72170.00
1	74220	4.250	14.900	29.800	£74220.00	\$74220.00
1	76290	4.300	15.100	30.200	£76290.00	\$76290.00
1	78380	4.350	15.300	30.600	£78380.00	\$78380.00
1	80490	4.400	15.500	31.000	£80490.00	\$80490.00
1	82610	4.450	15.700	31.400	£82610.00	\$82610.00
1	84750	4.500	15.900	31.800	£84750.00	\$84750.00
1	86910	4.550	16.100	32.200	£86910.00	\$86910.00
1	89080	4.600	16.300	32.600	£89080.00	\$89080.00
1	91260	4.650	16.500	33.000	£91260.00	\$91260.00
1	93450	4.700	16.700	33.400	£93450.00	\$93450.00
1	95660	4.750	16.900	33.800	£95660.00	\$95660.00
1	97880	4.800	17.100	34.200	£97880.00	\$97880.00
1	100110	4.850	17.300	34.600	£100110.00	\$100110.00
1	102350	4.900	17.500	35.000	£102350.00	\$102350.00
1	104600	4.950	17.700	35.400	£104600.00	\$104600.00
1	106860	5.000	17.900	35.800	£106860.00	\$106860.00
1	109130	5.050	18.100	36.200	£109130.00	\$109130.00
1	111410	5.100	18.300	36.600	£111410.00	\$111410.00
1	113700	5.150	18.500	37.000	£113700.00	\$113700.00
1	116000	5.200	18.700	37.400	£116000.00	\$116000.00
1	118310	5.250	18.900	37.800	£118310.00	\$118310.00
1	120630	5.300	19.100	38.200	£120630.00	\$120630.00
1	122960	5.350	19.300	38.600	£122960.00	\$122960.00
1	125300	5.400	19.500	39.000	£125300.00	\$125300.00
1	127650	5.450	19.700	39.400	£127650.00	\$127650.00
1	130010	5.500	19.900	39.800	£130010.00	\$130010.00
1	132380	5.550	20.100	40.200	£132380.00	\$132380.00
1	134760	5.600	20.300	40.600	£134760.00	\$134760.00
1	137150	5.650	20.500	41.000	£137150.00	\$137150.00
1	139550	5.700	20.700	41.400	£139550.00	\$139550.00
1	141960	5.750	20.900	41.800	£141960.00	\$141960.00
1	144380	5.800	21.100	42.200	£144380.00	\$144380.00
1	146800	5.850	21.300	42.600	£146800.00	\$146800.00
1	149230	5.900	21.500	43.000	£149230.00	\$149230.00
1	151670	5.950	21.700	43.400	£151670.00	\$151670.00
1	154110	6.000	21.900	43.800	£154110.00	\$154110.00
1	156560	6.050	22.100	44.200	£156560.00	\$156560.00
1	159010	6.100	22.300	44.600	£159010.00	\$159010.00
1	161470	6.150	22.500	45.000	£161470.00	\$161470.00
1	163930	6.200	22.700	45.400	£163930.00	\$163930.00
1	166390	6.250	22.900	45.800	£166390.00	\$166390.00
1	168860	6.300	23.100	46.200	£168860.00	\$168860.00
1	171330	6.350	23.300	46.600	£171330.00	\$171330.00
1	173800	6.400	23.500	47.000	£173800.00	\$173800.00
1	176280	6.450	23.700	47.400	£176280.00	\$176280.00
1	178760	6.500	23.900	47.800	£178760.00	\$178760.00
1	181240	6.550	24.100	48.200	£181240.00	\$181240.00
1	183720	6.600	24.300	48.600	£183720.00	\$183720.00
1	186200	6.650	24.500	49.000	£186200.00	\$186200.00
1	188680	6.700	24.700	49.400	£188680.00	\$188680.00
1	191160	6.750	24.900	49.800	£191160.00	\$191160.00
1	193640	6.800	25.100	50.200	£193640.00	\$193640.00
1	196120	6.850	25.300	50.600	£196120.00	\$196120.00
1	198600	6.900	25.500	51.000	£198600.00	\$198600.00
1	201080	6.950	25.700	51.400	£201080.00	\$201080.00
1	203560	7.000	25.900	51.800	£203560.00	\$203560.00
1	206040	7.050	26.100	52.200	£206040.00	\$206040.00
1	208520	7.100	26.300	52.600	£208520.00	\$208520.00
1	211000	7.150	26.500	53.000	£211000.00	\$211000.00
1	213480	7.200	26.700	53.400	£213480.00	\$213480.00
1	215960	7.250	26.900	53.800	£215960.00	\$215960.00
1	218440	7.300	27.100	54.200	£218440.00	\$218440.00
1	220920	7.350	27.300	54.600	£220920.00	\$220920.00
1	223400	7.400	27.500	55.000	£223400.00	\$223400.00
1	225880	7.450	27.700	55.400	£225880.00	\$225880.00





EX Gland Assembly



SWA steel wire to be placed over cone



Tighten the Inner Seal Nut



