



CABLE GLANDS SELECTION CHART

CRYSTAL CORPORATION



CABLE GLANDS SELECTION CHART

INDOOR

OUT DOOR

HAZARDOUS AREA

NON HAZARDOUS AREA

HAZARDOUS AREA

NON HAZARDOUS AREA

ARMOURED CABLE

UN ARMOURED CABLE

ARMOURED CABLE

UN ARMOURED CABLE

ARMOURED CABLE

UN ARMOURED CABLE

ARMOURED CABLE

UNARMOURED CABLE

FLAME PROOF GLAND

FLAME PROOF GLAND

WEATHER PROOF

WEATHER PROOF

FLAME PROOF GLAND

FLAME PROOF GLAND

FLAME PROOF GLAND

FLAME PROOF GLAND

GAS GROUP I, IIA, IIB OR IIC

GAS GROUP I, IIA, IIB OR IIC

INDUSTRIAL GLANDS

INDUSTRIAL GLANDS

GAS GROUP I, IIA, IIB OR IIC

GAS GROUP I, IIA, IIB OR IIC

GAS GROUP I, IIA, IIB OR IIC

GAS GROUP I, IIA, IIB OR IIC

SIZE X NO OF CORES

SIZE X NO OF CORES

SIZE X NO OF CORES

SIZE X NO OF CORES

SIZE X NO OF CORES

SIZE X NO OF CORES

SIZE X NO OF CORES

SIZE X NO OF CORES

TYPES OF CABLE GLANDS

SINGLE COMPRESSION LIGHT DUTY

DOUBLE COMPRESSION LIGHT DUTY

SINGLE COMPRESSION WEATHER PROOF

DOUBLE COMPRESSION WEATHER PROOF

SINGLE COMPRESSION FLAME PROOF

DOUBLE COMPRESSION FLAME PROOF

FLANGE TYPE CABLE GLANDS

SPECIAL GLANDS

WIPING GLANDS

BW TYPE CABLE GLANDS

CW TYPE CABLE GLANDS

A1/A2 TYPE CABLE GLANDS

ALCO TYPE CABLE GLANDS

E1W TYPE CABLE GLANDS

MARINE TYPE CABLE GLANDS

CABLE GLAND SELECTION CHART					
CABLE CONSTRUCTION DETAIL			SIEME NS	FLAN GE	DOUB LE
			TYPE	TYPE	COMP.
SIZE SQ.	OVERA LL	U/ARM OR	SIZE	REF NO.	REF NO.
MM	DIA MM	DIA MM	INCHE S		

AYWY (2 CORE POWER CABLES)

2 X 1.5	15.0	8.0	1/2 "	5	OO1
2 X 2.5	16.0	9.0	5/8 "	5	OO1
2 X 4	17.5	10.5	3/4 "	4	O1
2 X 6	18.5	11.5	7/8 "	4	O1
2 X 10	20.5	14.0	1 "	3	O3

AYFY (2 CORE POWER CABLES)

2 X 16	22.5	16.5	1 "	2	O3
2 X 25	25.0	19.0	1 1/4 "	1	O4
2 X 35	27.5	22.0	1 1/4 "	1	O5
2 X 50	32.0	26.0	1 3/8 "	11	O6

AYFY (3 CORE POWER CABLES)

3 X 1.5	15.5	8.5	5/8 "	5	O1
3 X 2.5	17.0	10.5	3/4 "	4	OO1
3 X 4	18.0	11.0	3/4 "	4	O1
3 X 6	19.5	12.5	7/8 "	3	O2
3 X 10	20.5	14.5	1 "	3	O3
3 X 16	23.5	18.0	1 1/8 "	2	O4
3 X 25	23.5	18.0	1 1/8 "	2	O4
3 X 35	25.5	20.0	1 1/8 "	1	O4
3 X 50	29.0	23.0	1 1/4 "	1	O5
3 X 70	33.0	27.0	1 3/8 "	0	O6
3 X 95	37.0	31.0	1 1/2 "	OO	O7
3 X 120	40.0	34.0	1 3/4 "	38	O8
3 X 150	44.0	38.0	1 3/4 "	OO1	O9
3 X 185	49.0	42.0	2 "	OO2	O10
3 X 225	54.0	47.0	2 1/4 "	OO3	O11
3 X 240	56.0	49.0	2 1/2 "	OO3	O11
3 X 300	62.0	54.0	2 3/4 "	OO33	O12
3 X 400	68.0	60.0	3 "	OO4	O13

AYFY (3.5 CORE POWER CABLES)

3.5 X 25	26.0	21.0	1 1/4 "	1	O4
3.5 X	28.5	23.0	1 1/4 "	1	O5

CABLE GLAND SELECTION CHART					
CABLE CONSTRUCTION DETAIL			SIEME NS	FLAN GE	DOUB LE
			TYPE	TYPE	COMP.
SIZE SQ.	OVERA LL	U/ARM OR	SIZE	REF NO.	REF NO.
MM	DIA MM	DIA MM	INCHE S		

27 X 1.5	26.0	19.0	1 1/4 "	1	O4
30 X 1.5	27.0	21.5	1 1/4 "	1	O5
37 X 1.5	29.0	23.0	1 1/4 "	1	O5
44 X 1.5	33.0	26.0	1 3/8 "	11	O6
52 X 1.5	34.0	27.0	1 1/2 "	O	O7
61 X 1.5	36.0	29.0	1 1/2 "	OO	O7

YWy & YFY (CONTROL CABLE)

2 X 2.5	16.0	10.0	5/8 "	5	OO1
3 X 2.5	17.0	11.0	3/4 "	4	OO1
4 X 2.5	17.5	11.5	3/4 "	4	O1
5 X 2.5	19.5	12.5	7/8 "	4	O2
6 X 2.5	20.5	13.5	1 "	3	O3
7 X 2.5	20.5	13.5	1 "	3	O3
10 X 2.5	22.0	16.5	1 "	2	O3
12 X 2.5	22.5	17.0	1 "	2	O3
14 X 2.5	23.5	17.0	1 1/8 "	2	O4
16 X 2.5	24.5	18.0	1 1/8 "	2	O4
19 X 2.5	25.5	19.0	1 1/8 "	1	O4
24 X 2.5	29.5	21.0	1 1/4 "	1	O5
27 X 2.5	30.0	23.0	1 1/4 "	1	O5
30 X 2.5	32.0	25.0	1 3/8 "	11	O6
37 X 2.5	34.0	28.0	1 1/2 "	O	O7
44 X 2.5	38.0	31.0	1 1/2 "	OO	O8
52 X 2.5	39.0	32.0	1 3/4 "	38	O8
62 X 2.5	42.0	35.0	1 3/4 "	38	O9

AYFY (3 CORE AUMoured CABLE) 1.9 / 3.3 KV GRADE

3 X 25	29.0	21.0	1 1/4 "	1	O5
3 X 35	31.0	24.0	1 3/8 "	11	O6
3 X 50	34.0	26.0	1 1/2 "	11	O7
3 X 70	37.0	29.0	1 1/2 "	OO	O7
3 X 95	41.0	33.0	1 3/4 "	38	O8
3 X 120	44.0	35.0	1 3/4 "	OO1	O9

35					
3.5 X 50	32.0	26.0	1 3/8 "	11	O6
3.5 X 70	35.0	29.0	1 1/2 "	O	O7
3.5 X 95	40.0	34.0	1 3/4 "	38	O8
3.5 X 120	43.0	37.0	1 3/4 "	OO1	O9
3.5 X 150	48.0	41.0	2 "	OO2	O10
3.5 X 185	52.0	45.0	2 1/4 "	OO2	O10
3.5 X 225	58.0	50.0	2 1/2 "	OO3	O11
3.5 X 240	61.0	53.0	2 3/4 "	OO33	O12
3.5 X 300	66.0	58.0	2 3/4 "	OO33	O12
3.5 X 400	74.0	65.0	3 1/4 "	OO4	O13

AYFY (4 CORE POWER CABLES)

4 X 1.5	16.5	10.0	3/4 "	5	OO1
4 X 2.5	17.5	11.0	3/4 "	4	O1
4 X 4	19.5	13.0	7/8 "	3	O2
4 X 6	19.5	14.0	7/8 "	3	O2
4 X 10	21.5	16.0	1 "	2	O3
4 X 16	25.5	20.0	1 1/8 "	1	O4
4 X 25	26.0	21.0	1 1/4 "	1	O4
4 X 35	28.5	23.0	1 3/8 "	1	O5
4 X 50	33.0	26.0	1 3/8 "	11	O6

YWy & YFY (CONTROL CABLE)

2 X 1.5	15.0	8.0	1/2 "	5	OO1
3 X 1.5	15.5	8.5	5/8 "	5	OO1
4 X 1.5	16.5	9.5	3/4 "	5	OO1
5 X 1.5	17.0	10.0	3/4 "	4	OO1
6 X 1.5	18.0	11.0	3/4 "	4	O1
7 X 1.5	18.0	11.0	3/4 "	4	O1
10 X 1.5	20.5	13.5	1 "	3	O3
12 X 1.5	20.5	14.0	1 "	3	O3
14 X 1.5	21.0	15.0	1 "	2	O3
16 X 1.5	21.5	15.0	1 "	2	O3
19 X 1.5	22.5	16.0	1 "	2	O3
24 X 1.5	25.5	19.0	1 1/8 "	1	O4

3 X 150	47.0	38.0	2 "	OO2	O10
3 X 185	50.0	41.0	2 1/4 "	OO2	O10
3 X 225	55.0	36.0	2 1/4 "	OO3	O11
3 X 240	56.0	45.0	2 1/2 "	OO3	O11
3 X 300	62.0	52.0	2 3/4 "	OO33	O12
3 X 400	69.0	59.0	3 "	OO4	O13
3 X 500	77.0	66.0	3 1/4 "	OO5	O13

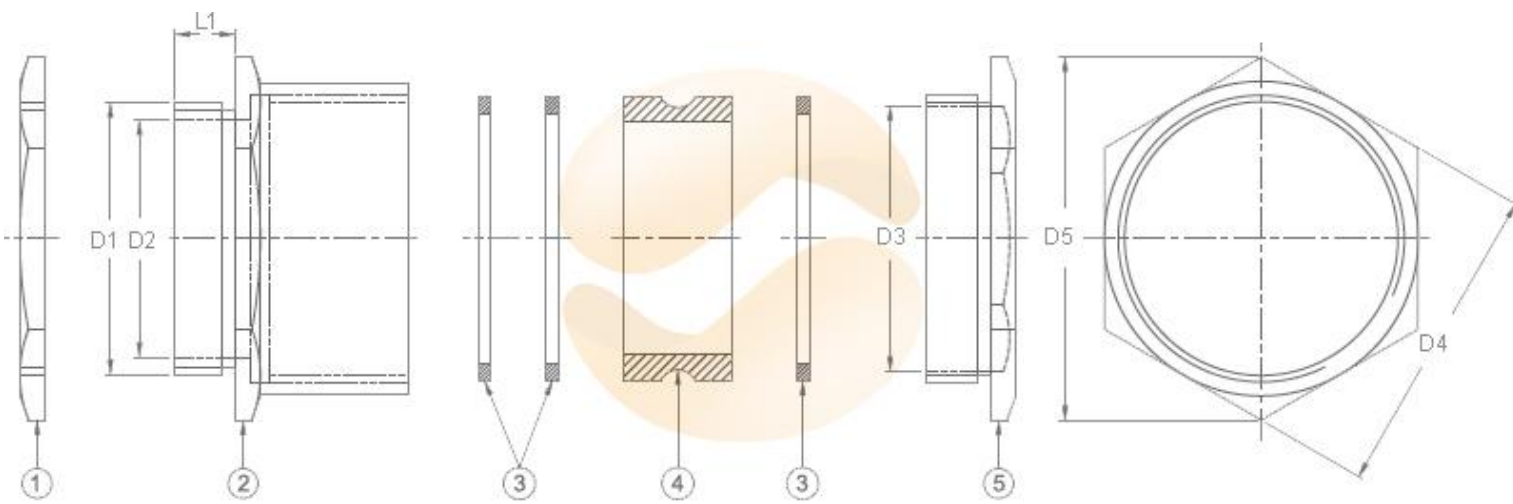
AYFY (3 CORE ARMoured CABLE) 3.8 / 6.6KV GRADE

3 X 25	35.0	27.0	1 1/2 "	O	O7
3 X 35	37.0	29.0	1 1/2 "	OO	O7
3 X 50	40.0	32.0	1 3/4 "	38	O8
3 X 70	44.0	35.0	1 3/4 "	OO1	O9
3 X 95	47.0	38.0	2 "	OO2	O10
3 X 120	50.0	41.0	2 1/4 "	OO2	O10
3 X 150	54.0	45.0	2 1/4 "	OO3	O11
3 X 185	57.0	48.0	2 1/2 "	OO3	O11
3 X 225	61.0	51.0	2 1/2 "	OO33	O12
3 X 240	63.0	53.0	2 3/4 "	OO33	O12
3 X 300	67.0	57.0	2 3/4 "	OO33	O12
3 X 400	73.0	63.0	3 "	OO4	O13
3 X 500	79.0	68.0	3 1/4 "	OO5	O14

AYFY (3 CORE ARMoured CABLE) 6.6KV (UE GRADE)

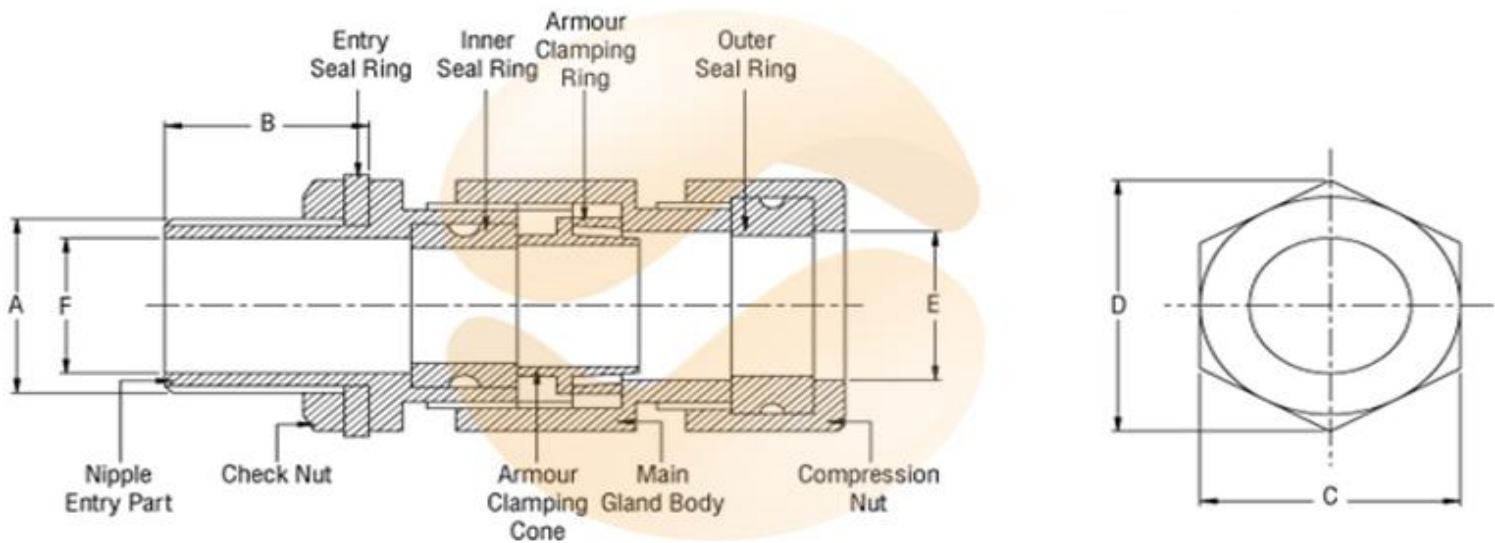
3 X 25	38.0	30.0	1 1/2 "	OO	O8
3 X 35	40.0	32.0	1 3/4 "	38	O8
3 X 50	43.0	34.0	1 3/4 "	OO1	O9
3 X 70	47.0	38.0	2 "	OO2	O10
3 X 95	50.0	41.0	2 1/4 "	OO2	O10
3 X 120	52.0	43.0	2 1/4 "	OO2	O10
3 X 150	57.0	48.0	2 1/2 "	OO3	O11
3 X 185	60.0	50.0	2 1/2 "	OO33	O11
3 X 225	64.0	44.0	2 3/4 "	OO33	O12
3 X 240	66.0	56.0	2 3/4 "	OO33	O12
3 X 300	71.0	61.0	3 "	OO4	O13
3 X 400	76.0	65.0	3 1/4 "	OO4	O13
3 X 500	83.0	71.0	3 1/2 "	OO5	O14

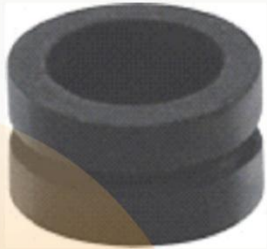
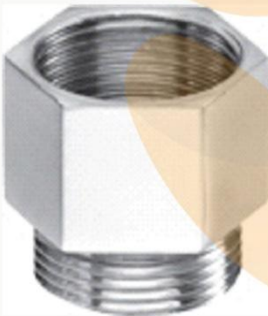
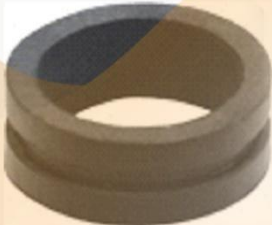
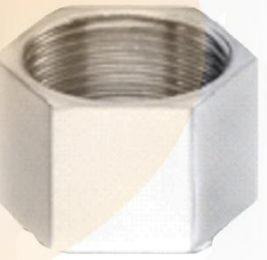
SINGLE COMPRESSION GLANDS



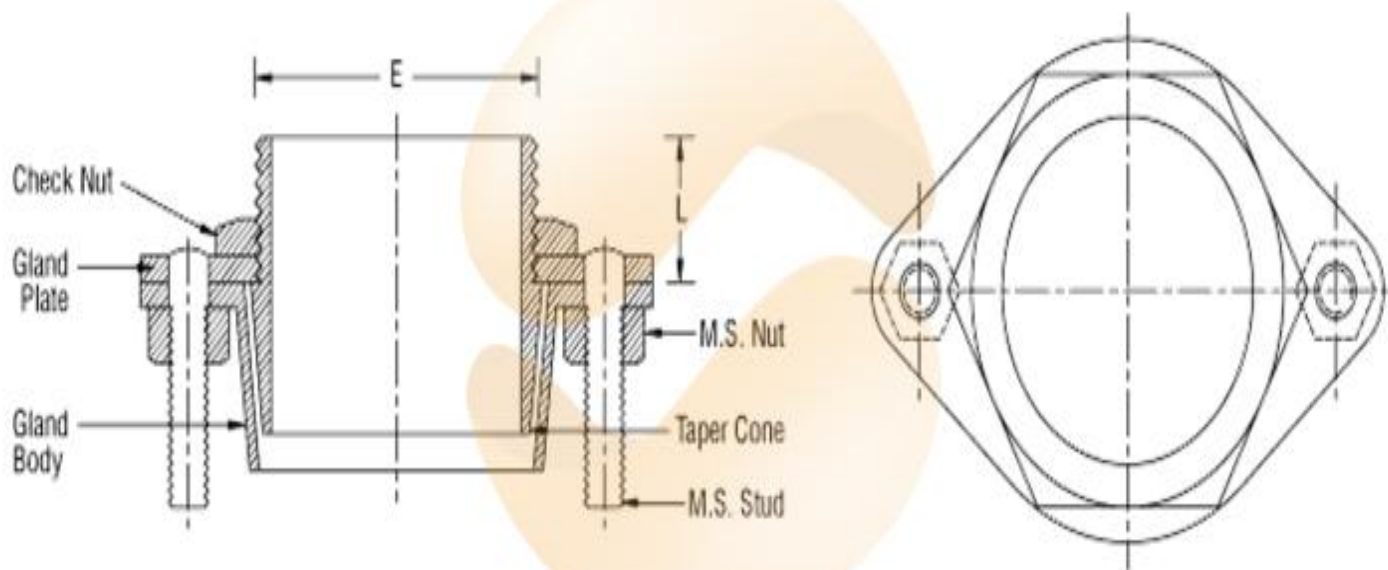
			
1. CHECK NUT	2. GLAND BODY	3. METAL WASHER	3. METAL WASHER
			
4. OUTER SEALING RING	3. METAL WASHER	5. COMPRESSION NUT	

DOUBLE COMPRESSION CABLE GLANDS



				
1. CHECK NUT	2. ENTRY SEAL RING	3. NIPPLE ENTRY PART	4. INNER SEAL RING	5. ARMOUR CLAMPING CONE
				
6. ARMOUR CLAMPING RING	7. MAIN GLAND BODY	8. OUTER SEAL RING	9. COMPRESSION NUT	

FLANGE TYPE GLANDS



OTHER GLANDS

❖ WIPING TYPE GLANDS



ALCO TYPE CABLE GLANDS



❖ A1/A2 TYPE CABLE GLANDS



❖ HEAVY DUTY GLANDS



❖ BW TYPE CABLE GLANDS



❖ MARINE TYPE GLANDS



❖ CW TYPE CABLE GLANDS



❖ LXT TYPE CABLE GLANDS



❖ **TAPER PROOF STOPPING PLUGS**



❖ **BRASS STOPPING PLUGS
HEAVY**



❖ **REDUCERS**



❖ **ADAPTORS**



❖ **EARTHING TAG**



❖ **PVC SHROUDS**



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