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SYMBOL OF QUALITY

Pioneers In Solderless Terminals,
Crimping Tools & Cable Glands



DOWELL'S BRASS CABLE GLANDS & ACCESSORIES

House of Designers & Makers of Terminals,
Tools & Cable Glands Since 1961

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Type Test Reports

TEST CERTIFICATE

Issued to: M/s. Dowell's Cable Accessories Pvt. Ltd.
Address: Plot No. 41/1, Road No. 4, Phase Zone Area, GIDC, Surajpur, 388115, Gujarat, India.

Customer's Ref. No.: 40-APL/INTERVAL LETTER/2017-18
Registered No. & Date: AGENT/INTERVAL/2017-18

Description of the test item: Dowell's Double compression waterproofing Glands for Armoured Cables.

Identification of the test item: Dowell's cat. No.: 1000-01 (2017-18)

Product Specification(s): BS 6121 Part 1:1988

Date of receipt of test item: 24/09/2017

Date of performance of Test: From: 24/09/2017 To: 24/09/2017

Method used for Test Sampling Procedure: In accordance with BS 6121 Part 1:1988

Checked by: [Signature] Approved by: [Signature]

18358

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18361

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18363

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18365

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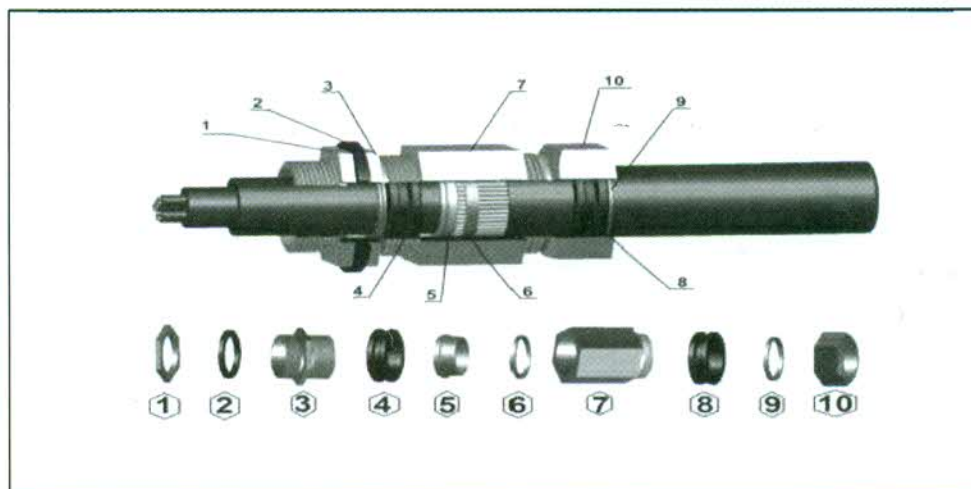
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DOUBLE COMPRESSION CABLE GLANDS



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TECHNICAL SPECIFICATION



TECHNICAL DATA

- Material :- Brass As Per IS - 319 Standard, Also Available in (Aluminium/M.S. & S.S. 304/316)
- Finish :- Bright Nickel Plated, Also (Tin/Cadmium/Chrome)
- Entry Threads :- BSC/ET, Also (PG/Metric/NPT/BSP)
- Sealing Ring :- Neoprene/Nitrile/Natural Rubber
- Reference Standard :- BS-6121, IEC 60079-1 : 2007 for Flame Proof
- Ingress Protection :- IP-67 as per IEC 60529 : 2001

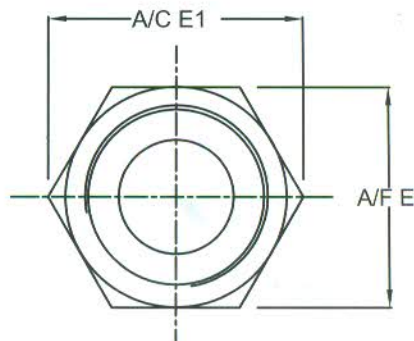
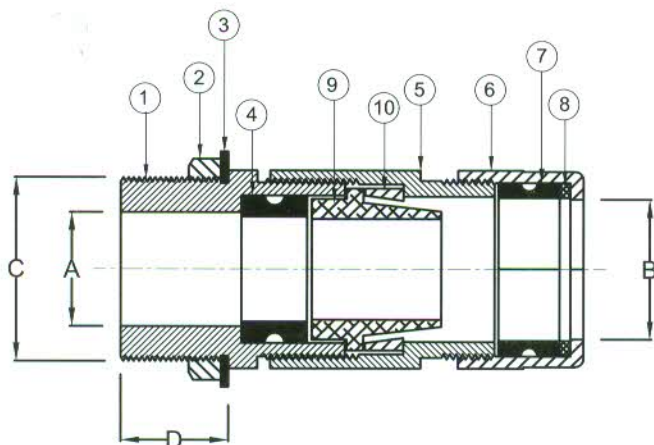
APPLICATION

- Weather Proof Glands are used in regular climatic conditions, Which are Water Proof and Dust Proof (IP-67).
- Flame Proof Glands are generally used in hazardous area, as well as in normal climatic condition Which are Water Proof and Dust Proof (IP-67).

FITTING SEQUENCE

- Insert Part No. 10, 9, 8 and 7 respectively on the outer sheath of the cable before exposing the armour.
- After removing outer sheath of the cable, insert part No. 6 over the exposed armour.
- Insert part No. 5 under the armour through inner sheath of the cable, cut the armour as per the length of part 5.
- Squeeze the armour between part No. 5 and 6 by moving both towards each other.
- Insert part No. 3 & 4 and fix it with part No. 7.
- Finally Apply the spanner and tight part No. 3 and 10 with 7.
- Fix the gland assembly to enclosure form one side and part no. 1 from another side if the entry thread is not provided in enclosure.

DOUBLE COMPRESSION BRASS CABLE GLANDS (for ARMoured CABLE)



SUITABLE OVER ALL DIAMETER	DBW SERIES	D (mm)	DBF SERIES	D (mm)	A (mm)	B (mm)	C (inch)	E A/F	E1 A/C
6.0 - 12.0	DBW - 01SS	13	DBF - 01SS	25	12.5	13.0	3/4"	21.0	24.0
12.0 - 16.5	DBW - 01S	15	DBF - 01S	25	14.5	18.0	3/4"	25.0	29.0
16.5 - 18.5	DBW - 01	15	DBF - 01	25	14.5	19.0	3/4"	27.5	31.5
16.5 - 18.5	DBW - 01A	15	DBF - 01A	25	14.5	19.0	1"	27.5	31.5
18.5 - 20.0	DBW - 02	15	DBF - 02	25	18.0	21.0	1"	30.0	34.5
18.5 - 20.0	DBW - 02A	15	DBF - 02A	25	14.5	21.0	3/4"	30.0	34.5
20.0 - 23.0	DBW - 03	15	DBF - 03	25	19.0	23.5	1"	31.5	36.0
23.0 - 26.0	DBW - 04	15	DBF - 04	25	20.5	27.0	1"	36.0	41.5
23.0 - 26.0	DBW - 04A	15	DBF - 04A	25	22.0	27.0	1.1/4"	36.0	41.5
26.0 - 30.0	DBW - 05	15	DBF - 05	25	25.5	31.0	1.1/4"	41.0	47.0
26.0 - 30.0	DBW - 05A	15	DBF - 05A	25	27.0	31.0	1.1/2"	41.0	47.0
30.0 - 33.0	DBW - 06	15	DBF - 06	25	31.0	34.5	1.1/2"	47.0	54.0
30.0 - 33.0	DBW - 06A	15	DBF - 06A	25	27.0	34.5	1.1/4"	47.0	54.0
33.0 - 37.0	DBW - 07	15	DBF - 07	25	32.0	38.0	1.1/2"	50.0	57.0
37.0 - 41.0	DBW - 08	15	DBF - 08	25	38.5	42.5	2"	56.0	64.0
41.0 - 46.0	DBW - 09	15	DBF - 09	25	40.0	47.0	2"	59.0	67.0
46.0 - 52.0	DBW - 010	20	DBF - 010	25	44.0	53.0	2"	67.0	77.0
46.0 - 52.0	DBW - 010A	20	DBF - 010A	25	48.0	53.0	2.1/2"	67.0	77.0
52.0 - 54.0	DBW - 011A	20	DBF - 011A	25	51.0	57.0	2.1/2"	72.0	83.0
54.0 - 61.0	DBW - 011	20	DBF - 011	25	56.5	62.0	2.1/2"	80.0	92.0
61.0 - 66.0	DBW - 012	20	DBF - 012	25	64.0	68.0	3"	85.0	98.0
66.0 - 72.0	DBW - 013A	20	DBF - 013A	25	67.0	73.0	3"	89.0	103.0
72.0 - 78.0	DBW - 013	20	DBF - 013	25	74.0	80.0	3.1/4"	99.0	113.0
78.0 - 84.0	DBW - 014	20	DBF - 014	25	78.0	85.0	3.1/2"	105.0	121.0
84.0 - 94.0	DBW - 015	20	DBF - 015	25	90.5	97.0	4"	114.0	132.0
94.0 - 104.0	DBW - 016	20	DBF - 016	25	101.0	106.0	4.1/2"	130.0	149.0

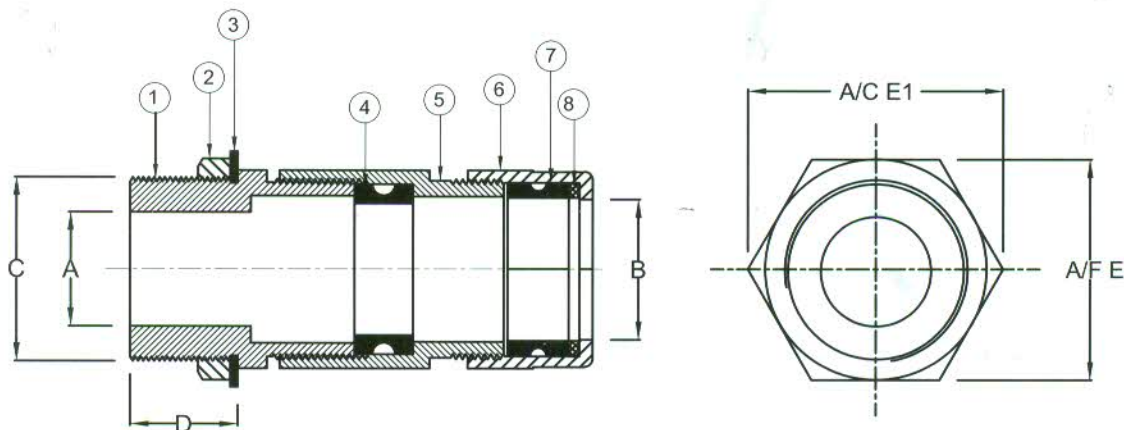
NOTE :

- (DBW - Weather Proof Series) (DBF - Flame Proof Series)

DOUBLE COMPRESSION BRASS CABLE GLANDS (for UNARMoured CABLE)



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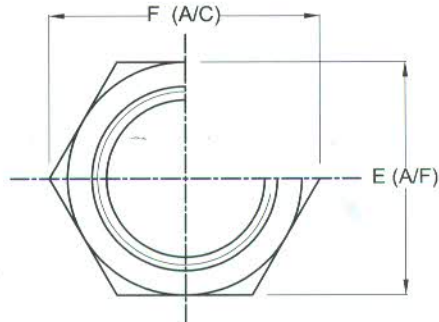
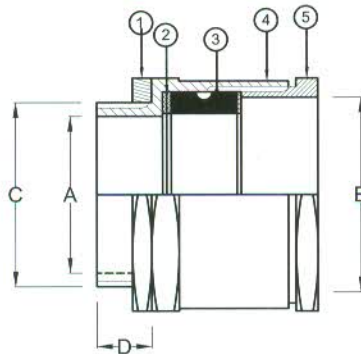
SUITABLE OVER ALL DIAMETER	DOWELL'S CATLOGUE NO.	A (mm)	B (mm)	C (inch)	D (mm)	E A/F	E1 A/C
06 - 12.5	DBW - 01SS (UN)	13.0	13.0	3/4"	15.0	21.5	24.5
12.6 - 14	DBW - 01S (UN)	14.5	14.5	3/4"	15.0	25.0	28.7
14.1 - 17	DBW - 01A (UN)	18.0	18.0	1"	15.0	27.4	31.4
17.1 - 19	DBW - 02 (UN)	20.0	20.0	1"	15.0	30.0	35.0
19.1 - 22	DBW - 03 SP (UN)	23.0	23.0	28mm	15.0	31.0	36.0
22.1 - 25	DBW - 04A (UN)	26.0	26.0	1.1/4"	15.0	37.0	43.0
25.1 - 29	DBW - 05A (UN)	30.0	30.0	1.1/2"	15.0	41.0	47.0
29.1 - 32	DBW - 06 SP (UN)	33.0	33.0	40mm	15.0	46.0	53.0
32.1 - 35	DBW - 07 SP (UN)	36.0	36.0	42mm	15.0	50.0	57.0
35.1 - 40	DBW - 08 (UN)	41.0	41.0	2"	15.0	56.0	64.0
40.1 - 43	DBW - 09 (UN)	44.0	44.0	2"	15.0	58.0	66.0
43.1 - 51	DBW - 010A (UN)	52.0	52.0	2.1/2"	20.0	65.0	75.0
51.1 - 59	DBW - 011 SP (UN)	60.0	60.0	70mm	20.0	79.0	90.0
59.1 - 65	DBW - 012 (UN)	66.0	66.0	3"	20.0	84.5	96.0
65.1 - 71	DBW - 013 (UN)	72.0	72.0	3.1/4"	20.0	89.0	102.0
71.1 - 79	DBW - 014 (UN)	80.0	80.0	3.1/2"	20.0	104.0	121.0
79.1 - 89	DBW - 015 (UN)	90.0	90.0	4"	20.0	115.0	135.0

SR. NO.	PARTICULARS	MATERIAL	NOS.	SR. NO.	PARTICULARS	MATERIAL	NOS.
1.	NIPPLE	BRASS	1	6.	COMPRESSION NUT	BRASS	1
2.	CHECK NUT	BRASS	1	7.	OUTER SEAL	NEOPRENE/NITRILE	1
3.	GASKET	NEOPRENE/NITRILE	1	8.	WASHER	NYLON	1
4.	INNER SEAL	NEOPRENE/NITRILE	1	9.	CONE	BRASS	1
5.	GLAND BODY	BRASS	1	10.	CONE RING	BRASS	1

NOTE :

- Tolerances :- +/- 2 mm
- Raw Material :- Brass As Per IS-319 (Alu./S.S./M.S./ Also Available).
- Finish :- Bright Nickel Plated (Also Tin/Chrome/Cadmium).
- Entry Thread :- BSC/ET
- Standard :- As Per BS-6121.

SINGLE COMPRESSION BRASS CABLE GLANDS (for UNARMoured CABLE)



SUITABLE OVER ALL DIAMETER	DOWELL'S CATALOGUE NO.	A (mm)	B (mm)	C (mm)	D (mm)	E A/F (mm)	F A/C (mm)
06 - 12.5	3/8"	11.5	12.5	15.5	7.5	18.0	20.5
12.6 - 14	1/2"	12.0	15.0	15.5	8.5	22.0	25.0
14.1 - 15.5	5/8"	14.5	16.5	18.5	8.0	21.0	24.0
15.6 - 16.5	3/4"	14.5	17.5	19.0	8.5	23.0	26.0
16.5 - 19	7/8"	14.5	20.0	18.5	8.5	25.0	29.0
19.1 - 22	1"	20.5	23.0	25.0	9.0	29.0	33.0
22.1 - 27	1.1/8"	24.0	28.0	28.5	10.5	35.0	40.0
27.1 - 31	1.1/4"	27.0	32.0	31.5	11.0	40.0	46.0
31.1 - 34.5	1.3/8"	29.5	35.5	34.5	11.0	44.0	50.0
34.6 - 38.5	1.1/2"	33.0	39.5	38.0	11.5	47.0	54.0
38.6 - 43.5	1.3/4"	40.0	44.5	44.0	11.5	54.0	62.0
43.6 - 50.5	2"	45.0	51.5	50.0	13.0	60.0	69.0
50.6 - 57	2.1/4"	51.5	58.0	56.5	13.0	68.0	78.0
57.1 - 61.5	2.1/2"	57.5	62.5	63.0	14.0	72.0	82.0
61.6 - 68	2.3/4"	63.5	69.0	69.0	15.0	80.0	90.0
68.1 - 74	3"	68.0	75.0	75.0	16.0	87.0	99.0
74.1 - 80.5	3.1/4"	75.0	81.5	82.0	16.0	92.0	105.0
80.6 - 87	3.1/2"	81.5	86.5	88.0	16.0	102.0	115.0
87.1 - 100	4"	92.0	101.0	100.0	17.0	110.0	126.0
100.1 - 108	4.1/2"	107.0	109.0	105.0	20.0	129.5	148.0

SR. NO.	PARTICULARS	MATERIAL	NOS.
1.	CHECK NUT	BRASS	1
2.	METAL WASHER	M.S.	3
3.	SEALING RING	NATURAL	1
4.	GLAND BODY	BRASS	1
5.	GLAND COVER	BRASS	1

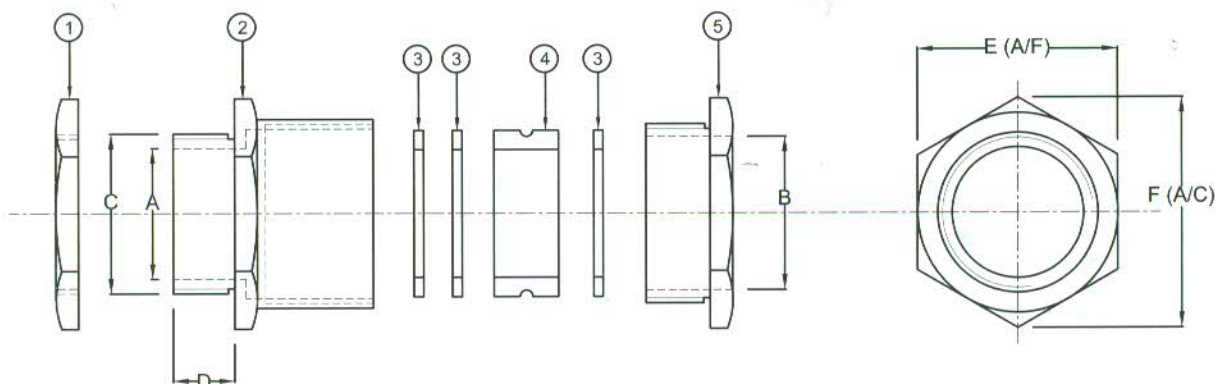
NOTE :

- Tolerances :- +/- 2 mm
- Raw Material :- Brass As Per IS-319 (Alu./S.S./M.S./ Also Available).
- Finish :- Bright Nickel Plated (Also Tin/Chrome/Cadmium).
- Entry Thread :- BSC/ET

SINGLE COMPRESSION BRASS CABLE GLANDS HEAVY DUTY (SIBG TYPE)



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SUITABLE OVER ALL DIAMETER	DOWELL'S CATLOGUE NO.	A (mm)	B (mm)	C (mm)	D (mm)	E A/F (mm)	F A/C (mm)
09.0 - 12.0	1616	12.0	16.0	16.0	9.0	22.0	25.5
12.0 - 15.5	1616	12.0	18.5	16.0	9.0	25.5	29.0
12.0 - 15.5	1919	15.0	18.5	20.0	9.0	25.5	29.0
18.0 - 20.0	2119	15.0	24.0	20.0	9.5	30.0	34.5
18.0 - 20.0	2125	20.5	24.0	25.0	9.5	31.5	36.0
21.0 - 25.0	2925	20.5	28.5	25.0	10.0	35.5	40.0
25.5 - 29.0	2932	27.0	33.0	32.0	12.0	40.0	46.0
29.0 - 33.0	2938	34.0	37.0	40.0	12.0	46.0	53.0
33.0 - 37.0	3638	34.0	41.0	40.0	12.0	41.5	57.5
38.0 - 42.0	4251	44.0	47.0	50.0	13.0	58.0	67.0
43.0 - 50.0	5451	44.0	52.0	50.0	13.0	65.0	75.0
48.0 - 54.0	5463	55.0	61.5	63.0	14.0	73.0	84.0
55.0 - 60.0	6063	55.0	65.0	63.0	14.0	77.0	89.0
61.0 - 66.0	6675	68.0	71.0	75.0	15.0	85.0	98.0
67.0 - 72.0	7882	67.0	76.0	75.0	15.0	90.0	104.0
73.0 - 78.0	7882	73.0	82.0	82.0	17.0	97.0	112.0

SR. NO.	PARTICULARS	MATERIAL	NOS.
1.	CHECK NUT	BRASS	1
2.	GLAND BODY	BRASS	1
3.	METAL WASHER	M.S.	3
4.	SEALING RING	NATURAL	1
5.	COMPRESSION RING	BRASS	1

NOTE :

- Tolerances :- +/- 2 mm
- Raw Material :- Brass As Per IS-319 (Alu./S.S./M.S./ Also Available).
- Finish :- Bright Nickel Plated (Also Tin/Chrome/Cadmium).
- Entry Thread :- BSC/ET

FLANGE TYPE CABLE GLANDS

- Material :- Brass As Per IS-319 Standard
- Finish :- Brass Natural
- Entry Thread :- BSC/ET
- Application :- Generally for Armoured Cable and Outdoor Use



SUITABLE OVER ALL DIAMETER	DOWELL'S CATLOGUE NO.	SUITABLE OVER ALL DIAMETER	DOWELL'S CATLOGUE NO.
12.0 - 16.0	DOWELLS - 5	38.1 - 41.0	DOWELLS - 38
16.1 - 18.0	DOWELLS - 4	41.1 - 45.0	DOWELLS - 001
18.1 - 21.0	DOWELLS - 3	45.1 - 52.0	DOWELLS - 002
21.1 - 25.0	DOWELLS - 2	52.1 - 59.0	DOWELLS - 003
25.1 - 29.0	DOWELLS - 1	59.1 - 67.0	DOWELLS - 0033
29.1 - 33.0	DOWELLS - 11	67.1 - 76.0	DOWELLS - 004
33.1 - 35.0	DOWELLS - 0	76.1 - 84.0	DOWELLS - 005
35.1 - 38.0	DOWELLS - 00		

PG TYPE CABLE GLANDS

- Material :- Polymide - 6
- 'O' Ring :- Nitrile
- Sealing Ring :- Neoprene
- Entry Thread :- Metric & PG
- Application :- Generally for Un-Armoured Cable

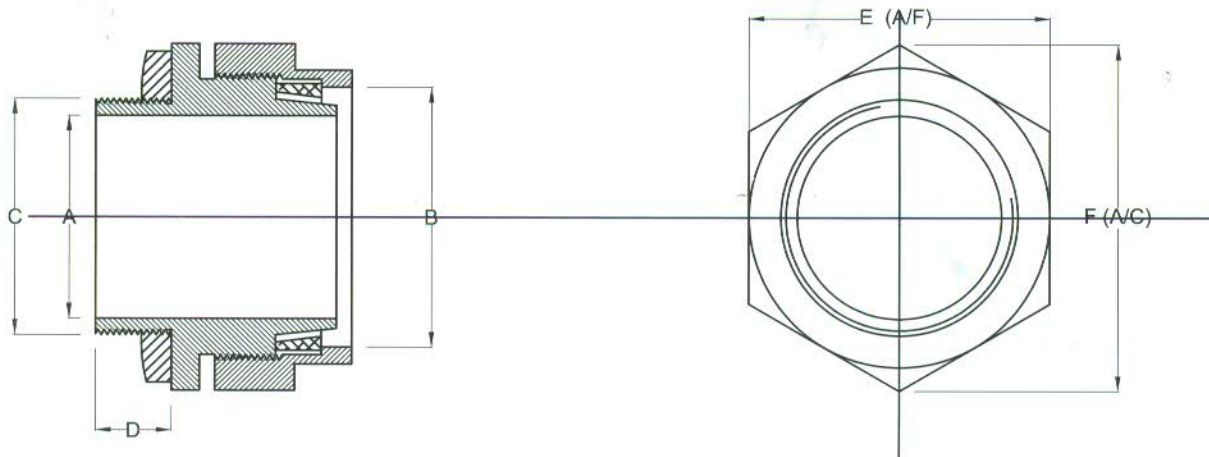


FOR METRIC THREAD			FOR PG THREAD		
SUITABLE OVER ALL DIAMETER	DOWELL'S CATLOGUE NO.	ENTRY THREAD LENGTH	SUITABLE OVER ALL DIAMETER	DOWELL'S CATLOGUE NO.	ENTRY THREAD LENGTH
2 - 5.5	M - 12	8	2 - 5	PG - 7	6
3 - 8.0	M - 16	9	3 - 8	PG - 9	7
5 - 12	M - 20	10	4 - 10	PG - 11	7
10 - 16	M - 25	10	5 - 12	PG - 13.5	7
15 - 21	M - 32	12	8 - 14	PG - 16	7.5
19 - 28	M - 40	13	12 - 17	PG - 21	8
26 - 35	M - 50	13	16 - 25	PG - 29	8
36 - 42	M - 63	15	20 - 32	PG - 36	15
			28 - 37	PG - 42	15
			32 - 40	PG - 48	15

BW TYPE CABLE GLANDS (FOR ARMoured CABLE)



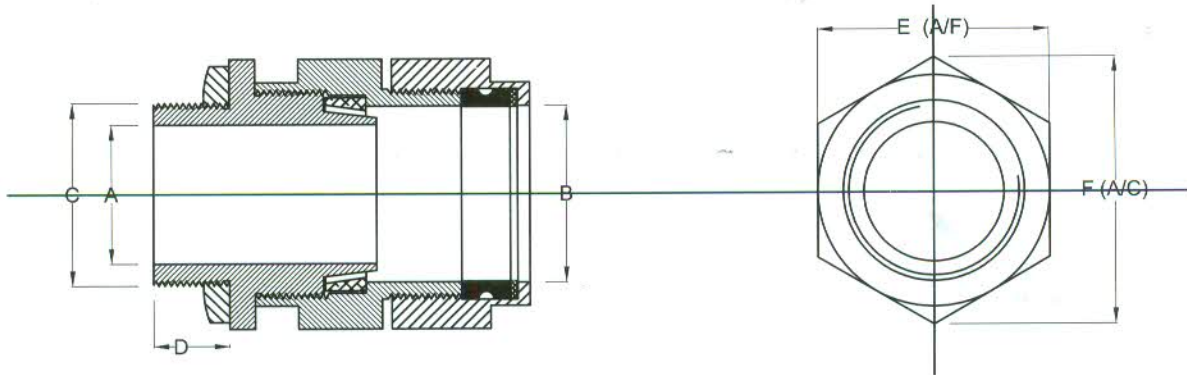
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DOWELL'S CATLOGUE NO.	UNDER ARMOUR DIA. (A) MAX. (mm)	OVER ALL DIA. (B) MAX. (mm)	C (mm)	D (mm)	E A/F (mm)	F A/C (mm)
DBW - 16	8.6	13.5	16.0	10.0	20.0	23.0
DBW - 20 S	12.3	17.0	20.0	10.0	22.0	24.0
DBW - 20	14.3	20.0	20.0	10.0	25.0	27.0
DBW - 25 S	18	23.8	25.0	10.0	30.0	32.5
DBW - 25	20.4	27.0	25.0	10.0	34.0	38.0
DBW - 32	26.5	33.0	32.0	10.0	41.0	45.5
DBW - 40 S	31	37.0	40.0	10.0	45.0	50.0
DBW - 40	32.5	41.0	40.0	15.0	49.0	54.0
DBW - 50 S	37.8	48.0	50.0	15.0	58.0	65.0
DBW - 50	44	53.0	50.0	15.0	62.3	69.5
DBW - 63 S	50.5	60.5	63.0	15.0	70.0	77.0
DBW - 63	56.5	65.5	63.0	15.0	76.0	85.0
DBW - 75 S	62.5	72.0	75.0	15.0	84.0	93.0
DBW - 75	67.5	78.5	75.0	15.0	90.0	100.0
DBW - 90	80	93.0	90.0	20.0	112.0	125.0

NOTE :

- Tolerances :- +/- 2 mm
- Raw Material :- Brass As Per IS-319 (Alu./S.S./M.S./ Also Available).
- Finish :- Natural Brass (Also Bright Nickel Plated/Tin/Chrome/Cadmium).

**CW TYPE CABLE GLANDS
(FOR ARMoured CABLE)**


DOWELL'S CATLOGUE NO.	UNDER ARMOUR DIA. (A) MAX. (mm)	OVER ALL DIA. (B) MAX. (mm)	C (mm)	D (mm)	E A/F (mm)	F A/C (mm)
DCW-16	8.6	13.5	16.0	10.0	20.0	23.0
DCW-20 S	12.0	15.0	20.0	10.0	22.0	24.0
DCW-20	14.0	20.0	20.0	10.0	26.0	29.0
DCW-25 S	17.8	23.8	25.0	10.0	31.0	34.0
DCW-25	20.4	27.0	25.0	10.0	34.3	38.5
DCW-32	26.5	33.0	32.0	10.0	41.5	46.5
DCW-40 S	31.0	37.0	40.0	10.0	45.0	50.0
DCW-40	32.5	40.0	40.0	15.0	49.0	54.0
DCW-50 S	37.8	45.0	50.0	15.0	57.0	64.0
DCW-50	44.0	51.5	50.0	15.0	62.3	69.5
DCW-63 S	50.5	60.5	63.0	15.0	70.0	78.0
DCW-63	56.5	65.5	63.0	1.0	76.3	85.0
DCW-75 S	62.5	72.0	75.0	15.0	85.0	95.0
DCW-75	67.5	78.5	75.0	15.0	91.0	112.0
DCW-90	80.0	90.0	90.0	20.0	103.0	115.0

NOTE :

- Tolerances :- +/- 2 mm
- Raw Material :- Brass As Per IS-319 (Alu./S.S./M.S./ Also Available).
- Finish :- Natural Brass (Also Bright Nickel Plated/Tin/Chrome/Cadmium).

SHROUDS AND EARTH TAGS



AN ISO 9001 : 2008 CERTIFIED CO.

SHROUDS

Material :- Block Polyvinylchloride High Grade Also in LSF & LSZH

Features :-

- Provides Additional Protection & enhances IP Rating of the Gland Termination.
- Effective Solution to Weather and Corrosion Protection of a Cable Gland.
- Available in same Gland Size.



EARTH TAG

Material :- Brass, Aluminium

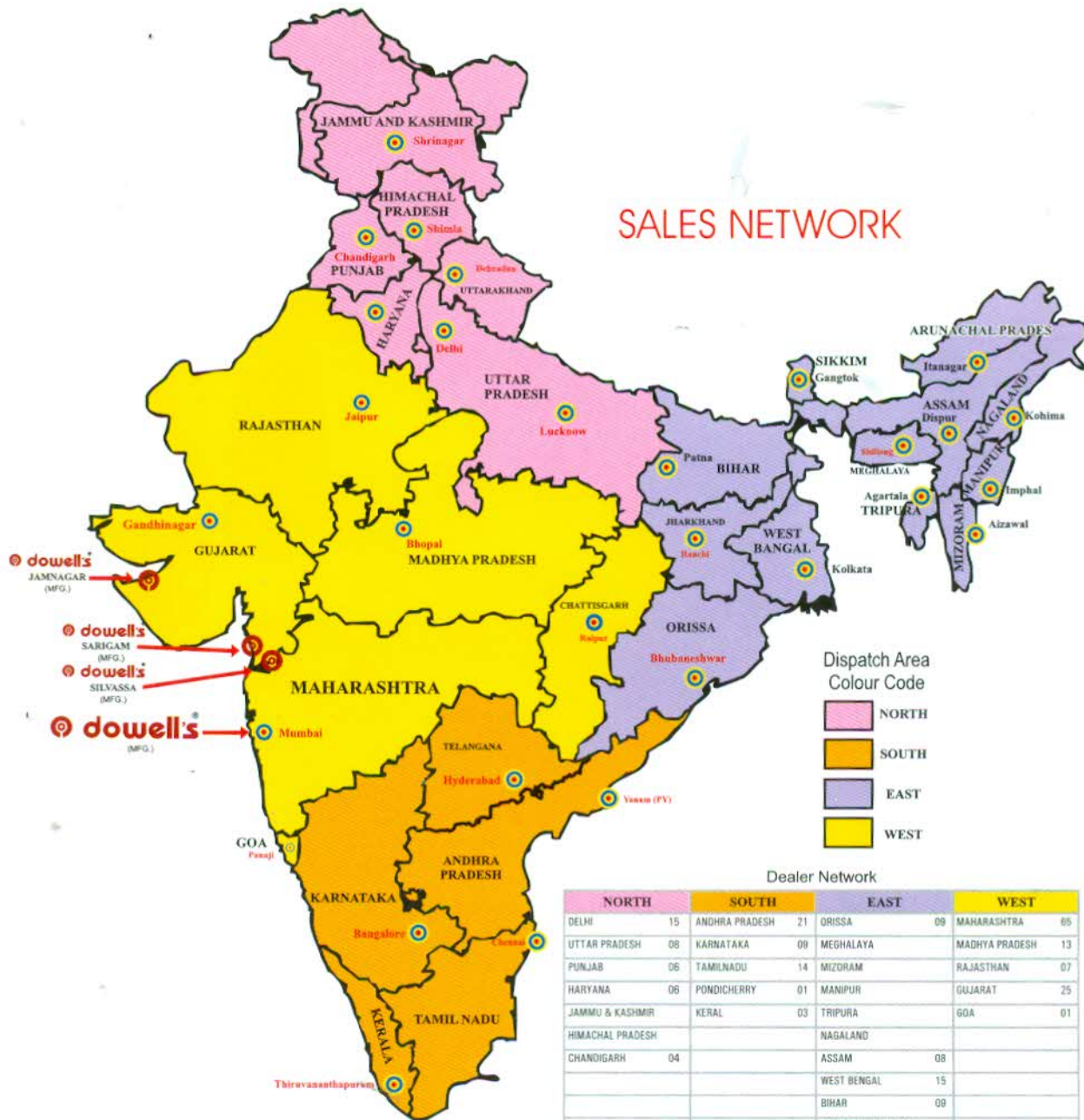
Features :-

- Means of connecting or an earth bond around the Cable Gland.
- Available in various shapes and in all size.
- Ensures earth continuity between the electrical equipment and the Gland
- Can be coated or plated as per customer specification..

METRIC SIZE	DOWELL'S CAT. NO.
M 20	DET-20
M 25	DET-25
M 32	DET-32
M 40	DET-40
M 50	DET-50
M 63	DET-63
M 75	DET-75
M 90	DET-90
M 100	DET-100



SALES NETWORK



TOTAL NO. OF DEALERS - 239



AN ISO 9001 : 2008 CERTIFIED CO.

Corporate & Head Office :
DOWELL'S CABLE ACCESSORIES PVT. LTD.

Gala No. 47/47A, Jagat Satguru Industrial Estate, Off Aarey Road, Goregaon (East), Mumbai - 400 063.

For Consumer Complaint Contact :

Officer Consumer Care Cell,

DOWELL'S CABLE ACCESSORIES PVT. LTD.

Gala No. 47/47A, Jagat Satguru Industrial Estate, Off Aarey Road, Goregaon (East), Mumbai - 400 063.

Tel. No. : 022 2927 0875 / 76 / 78 • Email : dowellsgroup@gmail.com, acc1dowells@gmail.com, dowells@dowellselektro.com
Website : www.dowellselektro.com



AN ISO 9001 : 2008 CERTIFIED CO.

SYMBOL OF QUALITY

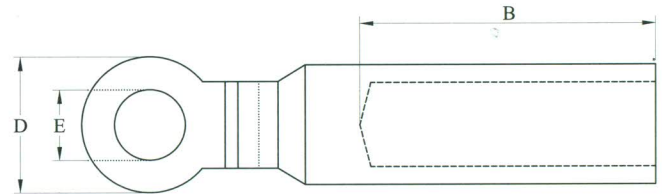
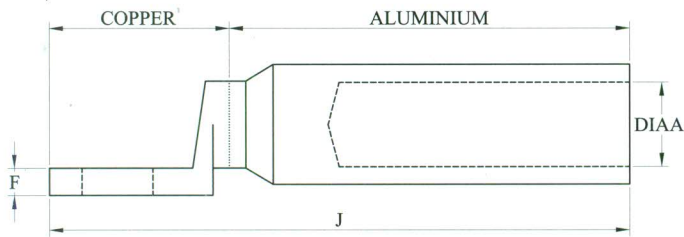
Pioneers In Solderless Terminals,
Crimping Tools & Cable Glands



BI-METALLIC CABLE LUGS & CONNECTORS (Friction Welding)

**House of Designers & Makers of Terminals,
Tools & Cable Glands Since 1961**

Catalogue 2016



Sr. No.	Dowell's Cat. No.	Size (Sq-mm)	E	DIA A	B	F	D	J
1	CAF 25-10	25	10.5	7.5	30	4	19	70
2	CAF 35-10	35	10.5	8.5	30	4	19	70
3	CAF 50-13	50	13	10.2	35	5	24	85
4	CAF 70-13	70	13	11.5	45	5	24	90
5	CAF 95-13	95	13	13.5	50	5	24	95
6	CAF 120-13	120	13	15.5	55	6	30	105
7	CAF 150-13	150	13	16.5	60	6	30	110
8	CAF 185-13	185	13	18	60	7	35	130
9	CAF 240-13	240	13	22	65	7	35	135
10	CAF 300-17	300	17	23.5	70	7.5	36	140
11	CAF 400-17	400	17	26.5	75	7.5	36	145
12	CAF 500	500	-	30	95	10.5	50	200
13	CAF 630	630	-	34	95	10.5	60#	200

Note :-

*All Dimensions are in mm

*Raw Materials : (Copper : E. C. Grade as per IS-191)

(Aluminium : E. C. Grade as per IS - 5082)

*Tolerances : +/- 5%

Joining Method : Friction Welding

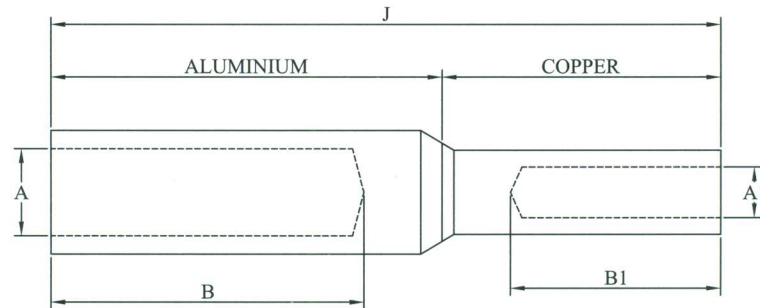
*# Square Palm of Given Dimension with as per Required E Hole

*Recommended Crimping Tool SYE -150 B

BI-METALLIC CONNECTORS



AN ISO 9001 : 2008 CERTIFIED CO.



Sr. No.	Dowell's Cat. No.	CABLE AREA (Sq-mm)		A	B	A1	B1	J
		Aluminium	Copper					
1	CACF-16-16	16	16	5.5	43	5.6	29	88
2	CACF-25-16	25	16	6.5	43	5.6	29	88
3	CACF-25-25	25	25	6.5	43	7	29	88
4	CACF-35-16	35	16	8	43	5.6	29	88
5	CACF-35-25	35	25	8	43	7	29	88
6	CACF-35-35	35	35	8	43	8	29	88
7	CACF-50-25	50	25	9	43	7	29	88
8	CACF-50-35	50	35	9	43	8	29	88
9	CACF-50-50	50	50	9	43	9.5	29	88
10	CACF-70-35	70	35	11	43	8	29	88
11	CACF-70-50	70	50	11	43	9.5	29	88
12	CACF-70-70	70	70	11	43	11	33	90
13	CACF-95-50	95	50	12.5	43	9.5	29	88
14	CACF-95-70	95	70	12.5	43	11	33	90
15	CACF-95-95	95	95	12.5	43	13	33	90
16	CACF-120-70	120	70	13.7	59	11	33	107
17	CACF-120-95	120	95	13.7	59	13	33	107
18	CACF-120-120	120	120	13.7	59	14.2	33	107
19	CACF-150-95	150	95	15.5	59	13	33	107
20	CACF-150-120	150	120	15.5	59	14.2	33	107
21	CACF-150-150	150	150	15.5	59	16	33	107
22	CACF-185-120	185	120	17	59	14.2	33	107
23	CACF-185-150	185	150	17	59	16	33	107
24	CACF-185-185	185	185	17	59	18	43	120
25	CACF-240-150	240	150	19.5	59	16	33	107
26	CACF-240-185	240	185	19.5	59	18	43	120
27	CACF-240-240	240	240	19.5	59	20	43	120

Note :-

*All Dimensions are in mm

*Raw Materials : (Copper : E. C. Grade as per IS-191)

(Aluminium : E. C. Grade as per IS - 5082)

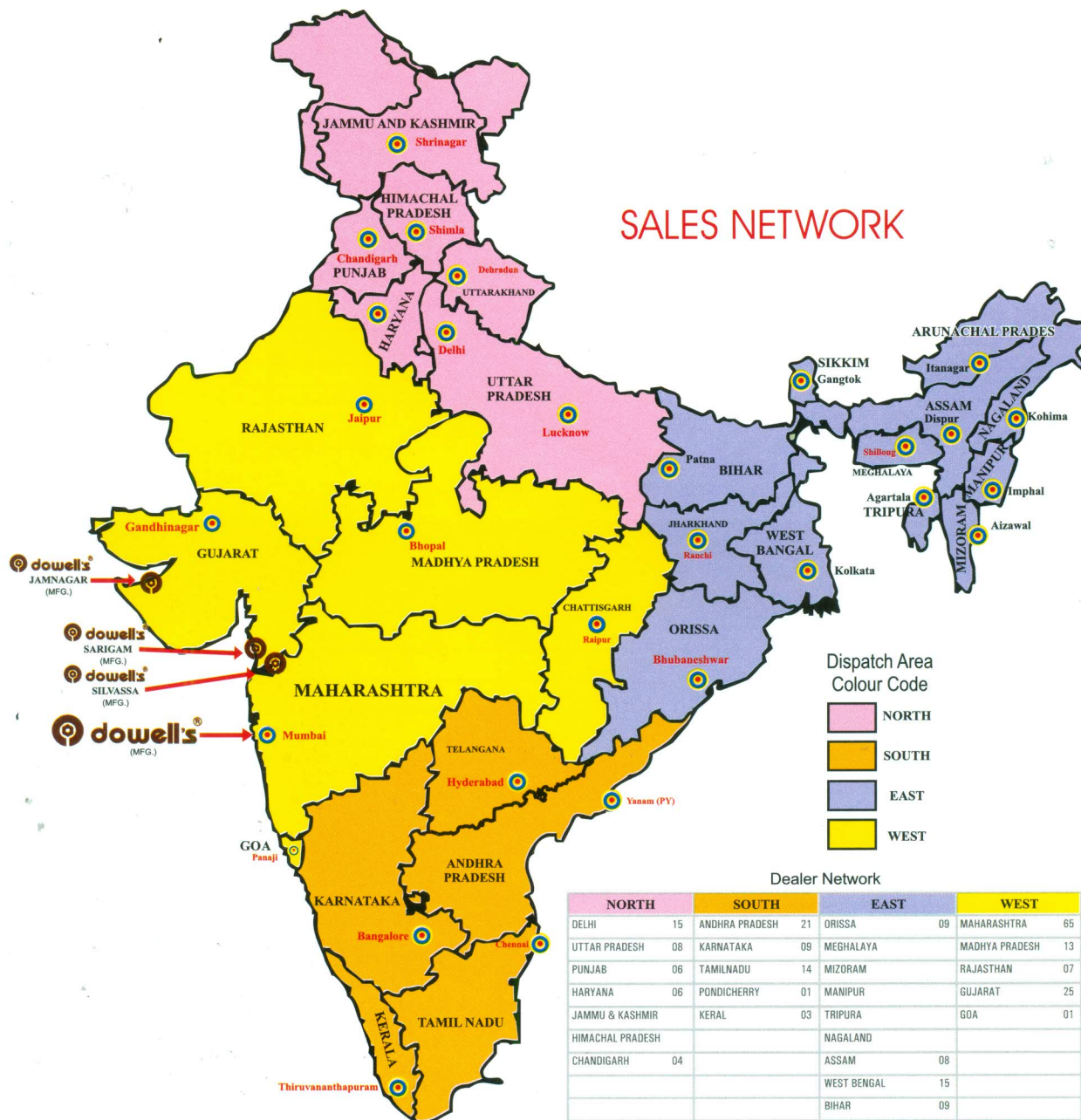
*Tolerances : +/- 5%

*Joining Method : Friction Welding

*# Square Palm of Given Dimension with as per Required E Hole

*Recommended Crimping Tool SYE -150 B

SALES NETWORK



TOTAL NO. OF DEALERS - 239



AN ISO 9001 : 2008 CERTIFIED CO.

Corporate & Head Office :
DOWELL'S CABLE ACCESSORIES PVT. LTD.

Gala No. 47/47A, Jagat Satguru Industrial Estate, Off Aarey Road, Goregaon (East), Mumbai - 400 063.

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Tel. No. : 022 2927 0875 / 76 / 78 • Email : dowellsgroup@gmail.com • www.dowellselektro.com



AN ISO 9001 : 2008 CERTIFIED CO.

SYMBOL OF QUALITY

Pioneers In Solderless Terminals,
Crimping Tools & Cable Glands



HOUSE OF DESIGNERS & MAKERS OF TERMINALS, TOOLS & CABLE



Dear Customer,

Dowell's Product represents accumulated experience since 1961 in wide range of terminal ends, connectors, crimping systems and cable glands. The company's Prime objective is to serve the world with updated technology in the cable termination field.

Laborious, time-taking, unreliable, soldering practice for termination is being simplified by introduction of dowell's crimping technique in the country.

Every attempt has been made to fulfil the needs of large number of electrical equipment manufacturers, engineers and electrical contractors with various specification to suit indian Industries.

Dowell's wining a proud of being leader in the crimping field, serves the country through strong dealers network, dowell's quality assured products have proven, firm standing in the international market which resulted into export to fourteen countries in Asia, Europe, New Zeland, Australia and Middle East.

Our R & D dept. welcomes your valued suggestions or problems for the constant innovation in crimping Technology.

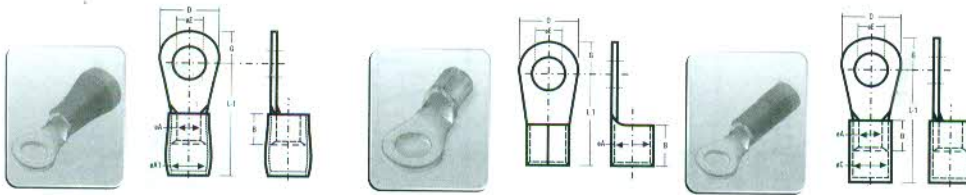
We are very thankful to you for giving support to meet rising requirements of dowell's quality products.

Yours sincerely,

J.S. PATEL
Managing Director.



RING TERMINALS - Non-Insulated/Insulated/Pre-Insulated



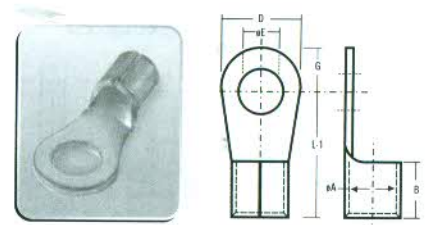
MM ²	E Bolt MMØ	øA	D	B	G	L-1	Dowell's CAT. No.	øC	L-1	Dowell's CAT. No.	øA-1	L-1	Dowell's CAT. No.
1	M3.5	1.2	8.0	5	4.0	12	RS-7318	2.8	17	RSI-7502	-	-	-
	M3	1.6	6.0	5	3.0	11	RS-7001	3.2	16	RSI-7054	3.6	16	PSD-7437
	M3.5						RS-7002			RSI-7055			PSD-7438
	M4						RS-7003			RSI-7056			PSD-7439
	M3.5	1.6	6.8	5	3.4	9.6	RS-7048	3.2	14.6	RSI-7058	3.6	14.6	PSD-7441
	M4						RS-7049			RSI-7059			PSD-7442
	M4	1.6	8.0	5	4.0	12.0	RS-7004	3.2	17.0	RSI-7061	3.6	17.0	PSD-7444
	M5						RS-7005			RSI-7062			PSD-7445
	M4	1.6	7.0	5	3.5	11.0	RS-7154	3.2	16.0	RSI-7063	3.6	16.0	PSD-7446
	M5	1.6	10	5	5.0	13.0	RS-7006	3.2	18.0	RSI-7065	3.6	18.0	PSD-7448
1.5	M6						RS-7007			RSI-7066			PSD-7449
	M6	1.6	12	5	6.0	12.0	RS-7106	3.2	17.0	RSI-7067	3.6	17.0	PSD-7450
	M3	2.3	6.5	5	3.2	9.5	RS-7107	3.9	14.5	RSI-7068	4.4	17.7	PSD-7451
	M3.5						RS-7008			RSI-7069			PSD-7452
	M3.5	2.3	8.0	5	4.0	12.0	RS-7108	3.9	17.0	RSI-7070	4.4	17.0	PSD-7453
	M4						RS-7009			RSI-7071			PSD-7454
	M5						RS-7010			RSI-7072			PSD-7455
	M5	2.3	10	5	5.0	13.0	RS-7109	3.9	18.0	RSI-7073	4.4	18.0	PSD-7456
	M6						RS-7011			RSI-7074			PSD-7457
	M5	2.3	12	5	6.0	16.0	RS-7110	3.9	21.0	RSI-7075	4.4	21.0	PSD-7458
2.5	M6						RS-7012			RSI-7076			PSD-7459
	M8						RS-7013			RSI-7077			PSD-7460
	M8	2.3	16	5	8.0	17.0	RS-7014	3.9	22.0	RSI-7079	4.4	22.0	PSD-7462
	M10	2.3	18	5	9.0	20.0	RS-7151	3.9	25.0	RSI-7081	4.4	25.0	PSD-7464
	M4	3.5	8.0	6	4.0	13.0	RS-7155	5.5	21.0	RSI-7083	6.4	22.0	PSD-7466
	M5						RS-7050			RSI-7084			PSD-7467
	M5	3.5	10	6	5.0	14.0	RS-7016	5.5	22.0	RSI-7086	6.4	23.0	PSD-7469
	M6	3.5	12	6	6.0	14.0	RS-7017			RSI-7089			PSD-7472
	M8						RS-7018			RSI-7090			PSD-7473
	M6	3.5	12	6	6.0	16.0	RS-7019	5.5	24.0	RSI-7092	6.4	25.0	PSD-7475
4.6	M6	3.5	14	6	7.0	18.5	RS-7115	5.5	26.5	RSI-7093	6.4	27.5	PSD-7476
	M8						RS-7020			RSI-7094			PSD-7477
	M8	3.5	16	6	8.0	22.0	RS-7116	5.5	30.0	RSI-7096	6.4	31.0	PSD-7479
	M10	3.5	18	6	9.0	21.0	RS-7023	5.5	29.0	RSI-7099	6.4	30.0	PSD-7482
	M12						RS-7024			RSI-7100			PSD-7483

MATERIAL - EC GRADE COPPER IS -191

TOLERANCE ± 5%

FINISH : ELECTRO TINNED

RING TERMINALS

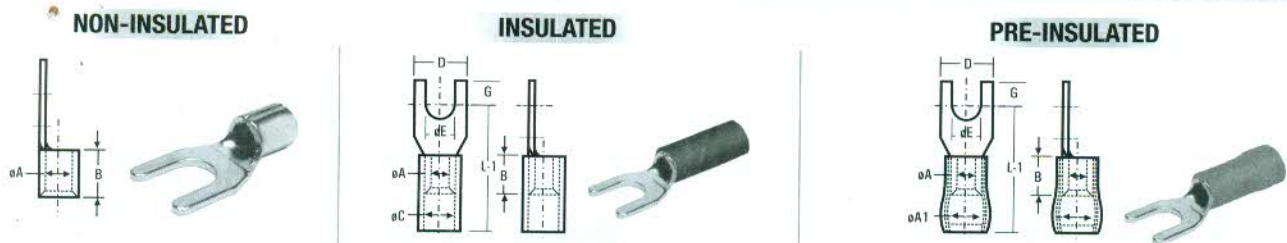


MM ²	E Bolt MMØ	øA	D	B	G	L-1	Dowell's CAT. No.
10	M5	4.3	10	8	5	17	RS-7025
10	M5	4.3	10	8	5	15	RS-7026
10	M6	4.3	12	8	6	17	RS-7120
10	M8	4.3	16	8	8	19	RS-7121
10	M10	4.3	22	8	11	23	RS-7123
10	M12	4.3	22	8	11	23	RS-7028
16	M5	5.6	10	10	5	19	RS-7124
16	M6	5.6	12	10	6	20	RS-7029
16	M8	5.6	16	10	8	22	RS-7030
16	M10	5.6	22	10	11	24	RS-7128
16	M12	5.6	22	10	11	24	RS-7033
25	M6	7.5	12	11	6	25	RS-7156
25	M8	7.5	16	11	8	22	RS-7034
25	M10	7.5	22	11	11	31	RS-7132
25	M12	7.5	22	11	11	31	RS-7037
35	M6	9.0	16	12	8	23	RS-7133
35	M8	9.0	16	12	8	23	RS-7038
35	M10	9.0	22	12	11	31	RS-7135
35	M12	9.0	22	12	11	31	RS-7040
50	M8	10.5	18	16	9	34	RS-7136
50	M10	10.5	22	16	11	32	RS-7137
50	M12	10.5	24	16	12	36	RS-7042
50	M16	10.5	32	16	16	38	RS-7139
70	M10	12.0	22	18	11	36	RS-7140
70	M12	12.0	24	18	12	36	RS-7141
70	M16	12.0	28	18	14	40	RS-7142
95	M10	13.5	24	20	12	38	RS-7144
95	M12	13.5	24	20	12	38	RS-7044
95	M16	13.5	28	20	14	44	RS-7145
120	M12	15.0	26	22	13	39	RS-7146
120	M16	15.0	32	22	16	48	RS-7147
120	M20	15.0	40	22	20	52	RS-7148
150	M12	16.5	34	24	17	49	RS-7149
150	M16	16.5	34	24	17	49	RS-7045
150	M20	16.5	40	24	20	54	RS-7046

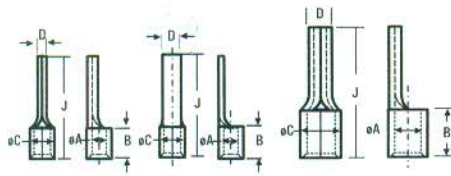
MATERIAL - EC GRADE COPPER IS -191

TOLERANCE ± 5%

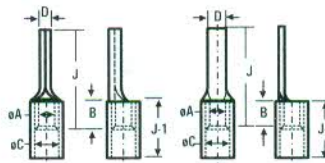
FORK TERMINALS



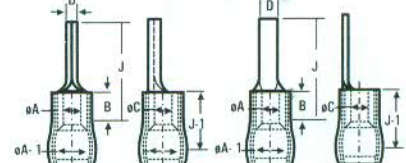
MM ²	E Bolt MMØ	øA	D	B	G	L-1	Dowell's CAT. No.	øC	L-1	Dowell's CAT. No.	øA-1	L-1	Dowell's CAT. No.	Recommended Tools For RSI & PSD
1	M3	1.2	6.6	5	3.4	11.1	RS-7249SPL	2.8	16.1	RSI-7926SPL	-	-	-	-
1.5	M3.5	1.6	6.8	5	3.4	11.1	RS-7249	3.2	16.1	RSI-7926	3.6	16.1	PSD-7935	SYG-2216/SYT-1546
2.5	M 3.5	2.3	6.5	5	3.2	11.8	RS-7251	3.9	21.8	RSI-7928	4.4	16.8	PSD-7937	SYH-1614/SYT-1546
4-6	M 3	3.5	6.0	6	3.5	11.5	RS-7252	5.5	27.5	RSI-7930	6.4	20.5	PSD-7939	SYI-1210/SYT-1546
4-6	M 3.5	3.5	6.0	6	4.0	11.0	RS-7253	5.5	27.0	RSI-7931	6.4	20.0	PSD-7940	
2.5	M 5	2.6	10.6	6.2	6.2	12.4	RS-7280	4.6	20.0	RSI-7929	4.4	16.2	PSD-7938	

NON-INSULATED


SYT - 17

INSULATED


SYT - 2

PRE-INSULATED


SYG - 2216 / SYH - 1614

MM ²	øA	øC	D	B	J	Type	Dowell's CAT. No.	J-1	Dowell's CAT. No.	øA-1	Dowell's CAT. No.	STD PKG
1	1.2	2.8	1.4	5	17	I	CP-44	10	CPI-45	-	-	200
1.5	1.6	3.2	1.9	5	17	I	CP-9	10	CPI-17	3.6	CPD-26	200
1.5	1.6	3.2	3.1	5	17	II	CP-35	10	CPI-40			200
2.5	2.3	3.9	1.9	5	17	I	CP-1	10	CPI-18	4.4	CPD-27	200
2.5	2.3	3.9	3.1	5	17	II	CP-2	10	CPI-19	4.4	CPD-28	200
4.0	2.9	4.9	2.7	6	20	I	CP-3	14	CPI-20	6.4	CPD-29	200
6.0	3.6	5.6	2.7	6	20	I	CP-5					200
10	4.5	6.7	4.3	8	22	III	CP-7					200
16	5.8	8.2	5.5	10	26	III	CP-8					200
25	7.5	11.1	7.0	11	32	III	CP-86					100
35	9.0	12.6	7.5	12	37.8	III	CP-87					100
50	10.5	14.1	9.0	16	42	III	CP-88					100
70	12.0	16.0	9.0	18	47	III	CP-89					50
95	13.5	18.1	9.0	20	52	III	CP-90					50

MATERIAL - EC GRADE COPPER IS - 191

TOLERANCE = ± 5%

FINISH : ELECTRO TINNED

DOWELL'S CORROSION INHIBITING COMPOUND GTZ-8785
RECOMMENDED PRACTICE FOR RESISTANCE TO CORROSION.

1. Whilst aluminium withstands weathering without protection during many years service the use of a corrosion inhibiting compound is recommended where conditions are particularly aggressive, such as chemical or salt-laden atmospheres, or where inspection and cleaning are likely to be irregular.

such as inhibitor must :

- a) not affect electrical properties of the compression joint
 - b) be non-corrosive to aluminium copper, steel, tin zinc and combinations of these :
 - c) not deteriorate on exposure to atmosphere at conductor operating temperatures :
 - d) have good sealing properties against moisture and contaminating substances in the atmosphere.
 - e) have a high temperature drop point.
2. The following compound is recommended for application over the prepared end of the conductor and inside the ferrule :

"DOWELL'S" CORROSION INHIBITING COMPOUND" GTZ-8785

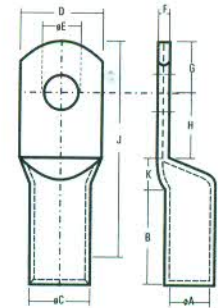
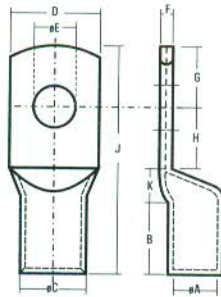
3. It is a useful procedure to fill the lug with compound. To prevent dirt getting into the corrosion-inhibiting compound and to give added protection to the joint.

We are marketing the above compound.

Packing :

- i) Collapsible Tubes wt. 50 gms.
- ii) 15 Tubes in a Cartoon wt. 800 gms.
- iii) 60 Collapsible Tubes in one Jacket



ALUMINIUM TUBE TERMINALS- IS-8337/ IS - 5082

ALUMINIUM TUBE TERMINALS - LONG BARREL

WE RESERVE THE RIGHTS AT ANY TIME TO MAKE ANY SPECIFICATION OR DIMENSIONAL CHANGES DEEMED NECESSARY TO ENSURE ADVANCEMENT IN THE DESIGN OR MANUFACTURE OF ANY PRODUCT

MM ²	E Bolt MMØ	øA	øC	D	F	B	K	G-H	J	Dowell's CAT. No.
2.5	M3	2.0	5.5	7.0	3.5	7	3	8	18	ALS-151
	M3.5	2.6			2.9					ALS-309
4.0	M4	2.9	5.5	7.0	2.6	7	3	8	18	ALS-155
	M5			12.0	1.2	7	4	13	24	ALS-317
6.0	M5	3.5	5.5	8.0	2.0	7	4	13	24	ALS-158
	M6			12.0	1.1					ALS-313
10	M6	4.4	7.4	10.0	2.8	9	4	17	30	ALS-214
	M8			15.0	1.8					ALS-215
16	M6			11.0	2.9					ALS-252
	M8	5.4	8.3	11.0	2.9	13	4	20	37	ALS-216
	M10			18.0	1.8					ALS-217
25	M8			14.0	3.0					ALS-218
	M10	7.0	10.0	20.0	1.7	16	7	21	44	ALS-219
	M12			20.0	1.7					ALS-220
35	M8	8.0	10.8	15.0	2.8	18	7	22	47	ALS-221
	M10			20.0	2.1					ALS-222
50	M8			18.0	3.7					ALS-255
	M10	9.3	13.0	23.0	2.8	22	8	24	54	ALS-312
	M12			23.0	2.8					ALS-224
70	M8									ALS-256
	M10	11.6	16.0	22.0	4.4	26	8	26	60	ALS-225
	M12									ALS-226
95	M10									ALS-227
	M12	12.9	17.1	25.0	4.2	28	8	28	64	ALS-228
	M16									ALS-229
120	M10									ALS-257
	M12	14.8	19.6	28.0	4.8	32	11	30	73	ALS-230
	M16									ALS-231
150	M10									ALS-258
	M12	16.1	21.2	31.0	5.1	34	11	34	79	ALS-232
	M16									ALS-233
185	M10									ALS-311
	M12	18.0	23.7	34.0	5.7	36	12	36	84	ALS-234
	M16									ALS-235
225	M12	20.6	27.0	39.0	6.4	40	14	40	94	ALS-320
240	M12	22.0	28.0	40.0	6.0	44	14	44	102	ALS-236
	M16									ALS-237
300	M16	24.0	31.0	45.7	7.0	47	14	54	115	ALS-300
	M20									ALS-259
400	M20	28.0	36.0	51.0	8.0	56	13	61	130	ALS-260
500	M20	30.0	41.0	58.0	11.0	60	15	65	140	ALS-296
630	M20	35.0	46.0	66.0	11.0	69	16	69	154	ALS-261
800		39.0	51.0	73.0	12.0	77	25	78	180	ALS-318
1000		43.5	57.0	81.0	13.5	100	30	90	220	ALS-319

MATERIAL-ELECTROLYTIC ALUMINIUM IS 5082/IS 8309

TOLERANCE=± 5%

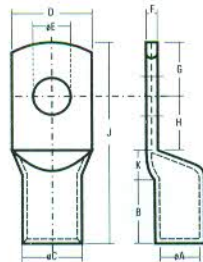
MM ²	E Bolt MMØ	øA	øC	D	F	B	K	G-H	J	Dowell's CAT. No.
2.5	M3	2.0	5.5	7.0	3.5	10.5	3	8	21.5	ALS-551
	M3.5	2.6			2.9					ALS-509
4.0	M4	2.9	5.5	7.0	2.6	10.5	3	8	21.5	ALS-555
	M5			12.0	1.2		4	13	27.5	ALS-517
6.0	M5	3.5	5.5	8.0	2.0	10.5	4	13	27.5	ALS-558
	M6			12.0	1.1					ALS-513
10	M6	4.4	7.4	10.0	2.8	13.5	4	17	34.5	ALS-514
	M8			15.0	1.8					ALS-515
16	M6			11.0	2.9					ALS-552
	M8	5.4	8.3	11.0	2.9	19.5	4	20	43.5	ALS-516
	M10			18.0	1.8					ALS-617
25	M8			14.0	3.0					ALS-518
	M10	7.0	10.0	20.0	1.7	24	7	21	52	ALS-519
	M12			20.0	1.7					ALS-520
35	M8	8.0	10.8	15.0	2.8	27	7	22	56	ALS-521
	M10			20.0	2.1					ALS-522
50	M8			18.0	3.7					ALS-665
	M10	9.3	13.0	23.0	2.8	33	8	24	65	ALS-512
	M12			23.0	2.8					ALS-524
70	M8									ALS-556
	M10	11.6	16.0	22.0	4.4	39	8	26	73	ALS-525
	M12									ALS-526
95	M10									ALS-527
	M12	12.9	17.1	25.0	4.2	42	8	28	78	ALS-528
	M16									ALS-529
120	M10									ALS-557
	M12	14.8	19.6	28.0	4.8	48	11	30	89	ALS-530
	M16									ALS-531
150	M10									ALS-658
	M12	16.1	21.2	31.0	5.1	51	11	34	96	ALS-532
	M16									ALS-533
185	M10									ALS-511
	M12	18.0	23.7	34.0	5.7	54	12	36	102	ALS-534
	M16									ALS-535
225	M12	20.6	27.0	39.0	6.4	60	14	40	114	ALS-620
240	M12	22.0	28.0	40.0	6.0	66	14	44	124	ALS-536
	M16									ALS-537
300	M16	24.0	31.0	45.7	7.0	70.5	14	54	138.5	ALS-500
	M20									ALS-559
400	M20	28.0	36.0	51.0	8.0	84	13	61	158	ALS-560
500	M20	30.0	41.0	58.0	11.0	90	15	65	170	ALS-596
630	M20	35.0	46.0	66.0	11.0	103.5	16	69	188.5	ALS-561
800		39.0	51.0	73.0	12.0	115.5	25	78	218.5	ALS-618
1000		43.5	57.0	81.0	13.5	150	30	90	270	ALS-619

MATERIAL-ELECTROLYTIC ALUMINIUM IS 5082/IS 8309

TOLERANCE=± 5%



COPPER TUBE TERMINALS (MEDIUM DUTY)



SYT -17

SYA - 427

SYT - 2

SYB - 95

SYT-185

SYT-400



SYD - 20



SYE - 150



SYT 102

MM²	E Bolt MMø	øA	øC	D	F	B	K	H	G	J	Dowell's CAT. No.	RECOMMENDED TOOLS & DIES							
												SYB 95	SYT 185	SYT 400	SYD 20A	SYE 150A	SYT 102 R	STD PKG	
2.5	M5	2.0	3.7	9	1.0	7	3	5	5	20	CUS-05	SYA-427 SYT-17 SYT-2							200
4.0	M6	3.1	4.8	11	1.0	7	3	6	6	22	CUS-06								200
6.0	M6	3.8	5.5	11	1.0	9	3	6	6	24	CUS-07								200
10	M6	4.4	6.2	11	1.3	9	3	6	6	24	CUS-08	JBR-1	R-1					200	
16	M6	5.3	7.1	11	1.6	12	4	8	6	30	CUS-09	JBR-2	R-2					200	
25	M6	7.0	9.0	13	2.0	12	5	12	8	37	CUS-10	JBR-3	R-3	RH-25				100	
35	M6	8.0	10.0	15	2.0	12	5	12	8	37	CUS-11	JBR-4	R-4	RH-35				100	
	M8	8.0	10.0	15	2.0	12	5	12	8	37	CUS-12								
50	M6	9.2	11.2	16	2.0	16	8	11	10	45	CUS-13							100	
	M8	9.2	11.2	16	2.0	16	8	11	10	45	CUS-14	JBR-6	R-6	RH-50					
	M10	9.2	11.2	16	2.0	16	8	11	10	45	CUS-15								
70	M8	11.6	13.8	20	2.2	18	10	15	13	56	CUS-16							HY-267 50	
	M10	11.6	13.8	20	2.2	18	10	15	13	56	CUS-17	JBR-7	R-7	RH-50					
	M12	11.6	13.8	20	2.2	18	10	15	13	56	CUS-18								
95	M10	12.8	15.6	23	2.8	20	10	15	13	58	CUS-19	JBR-9	R-9	RH-95			HY-268	50	
	M12	12.8	15.6	23	2.8	20	10	15	13	58	CUS-20								
120	M10	14.8	17.8	26	3.0	22	10	16	14	62	CUS-21							HY-269 30	
	M12	14.8	17.8	26	3.0	22	10	16	14	62	CUS-22	JBR-10	R-10	RH-120					
	M16	14.8	17.8	26	3.0	22	10	16	14	62	CUS-23								
150	M10	16.0	19.6	28	3.6	26	11	18	15	70	CUS-24							HY-270 20	
	M12	16.0	19.6	28	3.6	26	11	18	15	70	CUS-25		R-11	RH-150	JDR-11	JER-11			
	M16	16.0	19.6	28	3.6	26	11	18	15	70	CUS-26								
185	M12	18.0	22.0	32	4.0	30	11	21	21	83	CUS-27							HY-271 20	
	M16	18.0	22.0	32	4.0	30	11	21	21	83	CUS-28		R-12	RH-185	JDR-12	JER-12			
225	M16	20.0	24.0	35	4.0	34	13	24	24	95	CUS-231				RH-185	JDR-13	JER-13	HY-272 10	
240	M16	22.0	26.0	38	4.0	36	13	24	24	97	CUS-29				RH-240	JDR-14	JER-14	HY-272 10	
	M20	22.0	26.0	38	4.0	36	13	24	24	97	CUS-30								
300	M16	24.0	28.7	42	4.7	39	13	26	25	103	CUS-31				RH-300	JDR-15	JER-15	HY-273 10	
	M20	24.0	28.7	42	4.7	39	13	26	25	103	CUS-32								
400	M20	28.0	33.2	49	5.2	44	18	27	27	116	CUS-33				RH-400		JER-17	HY-274 5	
500	M20	30.0	36.0	53	6.0	48	18	27	27	120	CUS-34						JER-18	JEM-279 5	
630	M20	35.0	41.5	61	6.5	55	18	33	31	137	CUS-35						JER-19	JEM-280 5	
800		39.0	46.3	67	7.3	65	25	38	37	165	CUS-062						JER-23	5	
1000		43.0	53.8	76	10.8	90	30	45	45	210	CUS-076						JER-22	4	

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MATERIAL - EC GRADE COPPER IS -191

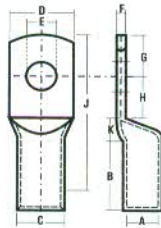
TOLERANCE=± 5%

FINISH - ELECTRO TINNED



Type Tested As Per IEC - 61238 / BS - 4579

COPPER TUBE TERMINALS HEAVY DUTY LONG BARREL



MM ²	E Bolt MM ϕ	ϕA	ϕC	D	F	B	K	H	G	J	Dowell's CAT. No.
25	M8	7.0	9.0	13	2.0	16	5	12	8	41	CUS-282
35	M8	8.0	10.6	15	2.6	20	5	14	9	48	CUS-283
50	M8	9.2	12.2	17	3.0	26	7	16	10	59	CUS-284
70	M10	11.5	15.0	20	3.5	28	7	19	12	66	CUS-285
95	M12	12.8	17.0	24	4.2	32	10	20	12	74	CUS-286
120	M12	14.8	19.6	28	4.8	35	10	23	14	82	CUS-287
150	M12	16.0	21.2	30	5.2	38	10	24	14	86	CUS-288
185	M12	18.0	24.0	34	6.0	43	12	23	17	95	CUS-289
240	M16	22.0	28.0	40	6.0	50	12	30	20	112	CUS-290
300	M16	24.0	31.0	44	7.0	54	14	32	20	120	CUS-291
400	M20	28.0	36.0	52	8.4	67	16	32	24	139	CUS-292
500	M21	30.0	41.0	58	11.0	80	20	34	22	156	CUS-293
630	M21	35.0	46.0	66	11.0	93	22	38	28	181	CUS-294

COPPER TUBE TERMINALS HEAVY DUTY - OPEN AT K

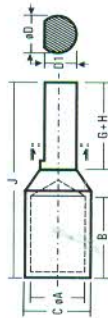


MM ²	E Bolt MM ϕ	ϕA	ϕC	D	F	B	K	H	G	J	Dowell's CAT. No.
2.5	M4	2.4	4.0	8	1.0	7	2	5	4	18	CUS-388
4.0	M5	3.1	4.8	10	1.0	7	2	6	5	20	CUS-389
6.0	M5	3.8	5.5	10	1.2	9	3	6	5	23	CUS-390
10	M6	4.5	6.2	12	1.2	9	3	7	6	25	CUS-353
16	M6	5.4	7.1	12	1.4	12	4	7	7	30	CUS-354
25	M6	6.8	8.8	13	2.0	12	4	7	7	30	CUS-355
35	M8	8.2	10.6	15	2.4	12	5	9	9	35	CUS-356
50	M8	9.5	12.4	18	2.9	16	6	11	10	43	CUS-357
70	M10	11.2	14.7	21	3.5	18	7	13	12	50	CUS-358
95	M10	13.5	17.4	25	3.9	20	9	13	13	55	CUS-359
120	M12	15.0	19.4	28	4.4	22	10	14	14	60	CUS-241
150	M12	16.5	21.2	30	4.7	26	11	16	16	69	CUS-242
185	M16	18.5	23.5	34	5.0	32	12	17	17	78	CUS-243
240	M16	21.0	26.5	38	5.5	38	14	20	20	92	CUS-244
300	M16	23.5	30.0	43	6.5	42	15	22	22	101	CUS-245
400	M16	26.8	34.8	50	8.0	44	18	26	26	114	CUS-246
500	M20	30.0	39.0	56	9.0	48	20	28	28	124	CUS-247
630	M20	35.0	45.0	65	10.0	56	22	33	33	144	CUS-248

MATERIAL - EC GRADE COPPER IS -191

TOLERANCE = $\pm 5\%$

ALUMINIUM REDUCER TERMINALS



mm ²	ϕA	ϕC	ϕD	D-1	B	K	G+H	J	Dowell's Cat No.
2.5	2.0	5.5	4.5	4.0	7	4	10	21	AWP-1
	2.6		3.8	3.3		4	10		AWP-7
4.0	2.9	5.5	4.5	4.0	7	4	10	21	AWP-15
			3.8	3.3		4	10		AWP-16
6.0	3.5	5.5	4.5	4.0	7	4	10	21	AWP-17
			3.8	3.3		4	10		AWP-18
10	3.8	7.4	4.5	4.0	9	4	10	23	AWP-19
	3.8	7.4	3.8	3.3	9	4	10	23	AWP-20
	4.4	7.4	4.5	4.0	9	4	10	23	AWP-21
	4.4	7.4	3.8	3.3	9	4	10	23	AWP-22
16	5.4	8.3	6.0	5.5	13	5	15	33	AWP-23
			6.0	5.5	13	5	20	38	AWP-24
			3.8	3.3	13	5	13	31	AWP-2

mm ²	ϕA	ϕC	ϕD	D-1	B	K	G+H	J	Dowell's Cat No.
25	7.0	10.0	6.0	5.5	16	5	15	36	AWP-25
			7.5	6.5	16	5	20	41	AWP-3
35	8.0	10.8	7.5	6.5	18	5	20	43	AWP-4
			10.4	14.0	14	13	22	53	AWP-26
50	9.3	13.0	7.5	6.5	22	5	20	47	AWP-5
			10.4	14.0	14	13	22	53	AWP-27
70	11.6	16.0	7.5	6.5	26	5	20	51	AWP-27
			11.5	10.5		5	25	56	AWP-6
			11.5	10.5	28	5	32	63	AWP-28
			11.5	10.5		6	25	59	AWP-29
95	12.9	17.1	15.6	14.0	28	6	27	61	AWP-8
			7.5	6.5		6	22	56	AWP-31
			12.8	11.8	32	6	32	66	AWP-32
			11.5	10.5		6	25	63	AWP-33
120	14.8	19.6	7.5	6.5	32	6	22	60	AWP-34
			11.5	10.5		6	32	70	AWP-35
			15.6	14	34	6	32	70	AWP-36
			15.6	14		6	32	72	AWP-10
150	16.1	21.2	15.6	14	36	6	32	74	AWP-30
			11.5	10.5		6	32	74	AWP-38
185	18.0	23.7	15.6	14	40	8	32	80	AWP-39
			11.5	10.5		8	42	90	AWP-46
			16	15	44	8	42	90	AWP-42
			16	15		8	42	94	AWP-44
240	22.0	28.0	15.6	14	47	8	32	84	AWP-43
			16	15		8	42	97	AWP-45
300	24.0	31.0	16	15	47	8	32	87	AWP-47
			15.6	14		8	32	87	AWP-47

MATERIAL-ELECTROLYTIC ALUMINIUM IS 5082

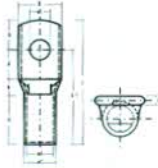
TOLERANCE = $\pm 5\%$



Type Tested As Per IEC - 61238 / BS - 4579

COPPER TUBE TERMINALS HEAVY DUTY - OPEN AT K

TUBULAR TERMINAL ENDS FOR SOLDERLESS CRIMPING TO
COPPER CONDUCTORS. COMPACT ALUMINIUM XLPE CABLES



WE RESERVE THE RIGHTS AT ANY TIME TO MAKE ANY SPECIFICATION OR DIMENSIONAL CHANGES DEEMED NECESSARY TO ENSURE ADVANCEMENT IN THE DESIGN OR MANUFACTURE OF ANY PRODUCT

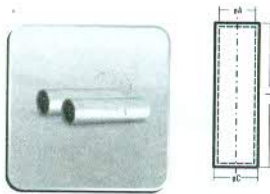
MM ²	øE	øA	øC	D	F	B	K	H	G	L-1	J	Dowell's CAT. No.	Retail Packing Nos.
1.5	5.2	1.8	3.7	8	1.0	5	2	5	4	12	16	CUS-538	100
1.5	6.5	1.8	3.7	10	0.8	5	2	6	5	13	18	CUS-539	100
2.5	4.2	2.4	4.0	8	1.0	7	2	5	4	14	18	CUS-388	100
2.5	5.2	2.4	4.0	10	0.8	7	2	6	5	15	20	CUS-540	100
2.5	6.5	2.4	4.0	10	0.8	7	2	6	5	15	20	CUS-541	100
4.0	5.2	3.1	4.8	10	1.0	7	2	6	5	15	20	CUS-389	100
4.0	6.5	3.1	4.8	10	1.0	7	2	6	5	15	20	CUS-543	100
6.0	5.2	3.8	5.5	10	1.2	9	3	6	5	18	23	CUS-390	100
6.0	6.5	3.8	5.5	12	1.0	9	3	9	6	21	27	CUS-544	100
6.0	8.4	3.8	5.5	12	1.0	9	3	9	6	21	27	CUS-545	100
10.0	6.5	4.5	6.2	12	1.2	9	3	7	6	19	25	CUS-353	100
10.0	8.4	4.5	6.2	12	1.2	9	3	9	6	21	27	CUS-547	100
16.0	6.5	5.4	7.1	12	1.4	12	4	7	7	23	30	CUS-354	100
16.0	8.4	5.4	7.1	12	1.4	12	4	9	7	25	32	CUS-549	100
20.0	8.4	6.0	7.7	12	1.7	12	4	9	7	25	32	CUS-550	100
25.0	6.5	6.8	8.8	13	2.0	12	4	7	7	23	30	CUS-355	100
25.0	8.4	6.8	8.8	18	1.4	12	4	11	10	27	37	CUS-551	100
25.0	10.5	6.8	8.8	18	1.4	12	4	11	10	27	37	CUS-552	100
35.0	6.5	8.2	10.6	15	2.4	12	5	9	9	26	35	CUS-542	100
35.0	8.4	8.2	10.6	15	2.4	12	5	9	9	26	35	CUS-356	100
35.0	10.5	8.2	10.6	18	2.0	12	5	11	10	28	38	CUS-554	100
50.0	8.4	9.5	12.4	18	2.9	16	6	11	10	33	43	CUS-357	100
50.0	10.5	9.5	12.4	18	2.9	16	6	11	10	33	43	CUS-556	100
70.0	8.4	11.2	14.7	21	3.5	18	7	13	12	38	50	CUS-557	50
70.0	10.5	11.2	14.7	21	3.5	18	7	13	12	38	50	CUS-358	50
70.0	13.0	11.2	14.7	21	3.5	18	7	13	12	38	50	CUS-559	50
95.0	10.5	13.5	17.4	25	3.9	20	9	13	13	42	55	CUS-359	50
95.0	13.0	13.5	17.4	25	3.9	20	9	13	13	42	55	CUS-561	50
120.0	13.0	15.0	19.4	28	4.4	22	10	14	14	46	60	CUS-241	30
120.0	17.0	15.0	19.4	28	4.4	22	10	16	16	48	64	CUS-546	30
150.0	13.0	16.5	21.2	30	4.7	26	11	16	16	53	69	CUS-242	20
150.0	17.0	16.5	21.2	30	4.7	26	11	16	16	53	69	CUS-564	20
185.0	17.0	18.5	23.5	34	5.0	32	12	17	17	61	78	CUS-243	20
240.0	17.0	21.0	26.5	38	5.5	38	14	20	20	72	92	CUS-244	10
240.0	21.0	21.0	26.5	38	5.5	38	14	20	20	72	92	CUS-567	10
300.0	17.0	23.5	30.0	43	6.5	42	15	22	22	79	101	CUS-245	10
300.0	21.0	23.5	30.0	43	6.5	42	15	22	22	79	101	CUS-569	10
400.0	17.0	26.8	34.8	50	8.0	44	18	26	26	88	114	CUS-246	5
400.0	21.0	26.8	34.8	50	8.0	44	18	26	26	88	114	CUS-571	5
500.0	21.0	30.0	39.0	56	9.0	48	20	28	28	96	124	CUS-247	5
550.0	21.0	31.7	41.4	60	9.7	52	20	30	30	102	132	CUS-573	5
630.0	21.0	35.0	45.0	65	10.0	56	22	33	33	111	144	CUS-248	5
800.0	----	39.0	50.6	73	11.6	78	17	40	35	135	170	CUS-599	5
1000.0	----	43.0	56.2	81	13.2	90	20	45	45	155	200	CUS-590	4

MATERIAL - EC GRADE COPPER IS - 191

TOLERANCE = ± 5%

FINISH - ELECTRO TINNED

ALUMINIUM IN- LINE CONNECTOR

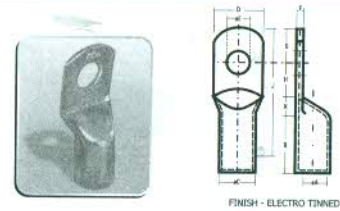


MM ²	øA	øC	J	Dowell's CAT. No.
2.5	2.6	5.5	16	ALS-6
4.0	2.9	5.5	16	ALS-5
6.0	3.5	5.5	16	ALS-13
10	4.4	7.4	20	ALS-14
16	5.4	8.3	26	ALS-4
25	7.0	10.0	35	ALS-3
35	8.0	10.8	40	ALS-2
50	9.3	13.0	45	ALS-12
70	11.6	16.0	55	ALS-1
95	12.9	17.1	60	ALS-15
120	14.8	19.6	65	ALS-9
150	16.1	21.2	70	ALS-10
185	18.0	23.7	75	ALS-11
225	20.6	27.0	85	ALS-147
240	22.0	28.0	90	ALS-16
300	24.0	31.0	100	ALS-17
400	28.0	36.0	115	ALS-18
500	30.0	41.0	125	ALS-19
630	35.0	46.0	140	ALS-20
800	39.0	51.0	160	ALS-148
1000	43.5	57.0	210	ALS-149

MATERIAL-ELECTROLYTIC ALUMINIUM IS 5082

TOLERANCE=± 5%

SOLDERING TYPE TUBE TERMINALS



AMPS	øE	øA	øC	D	F	B	K	H	G	J	Dowell's CAT. No.	STD. PKG.
60	6.4	8.1	9.5	14	1.4	14	4	9	9	36	DEW-203	100
100	9.5	10.9	12.7	19	1.8	19	8	11	11	49	DEW-204	50
150	9.5	13.9	15.9	24	2.0	23	8	13	13	57	DEW-205	30
200	12.7	16.6	19.0	28	2.4	27	11	14	14	66	DEW-206	20
300	12.7	19.0	22.2	33	3.2	28	13	20	19	80	DEW-207	20
400	15.9	22.2	25.4	38	3.2	32	15	21	21	89	DEW-208	10
500	19.0	25.4	28.6	43	3.2	38	17	25	25	105	DEW-209	10
600	19.0	27.8	31.8	47	4.0	44	17	27	27	115	DEW-210	10

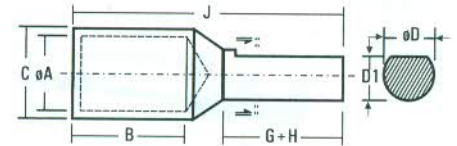
1) Terminals and splices covered in this catalogue are of standard series only. Please refer us for your tailor made requirements such as specific stud holes, Palm and Barrel lengths.

2) Dowell's products available for Railways duly approved by R.D.S.O., C.L.W., D.L.W., I.C.F. etc

MATERIAL-EC GRADE COPPER IS -191

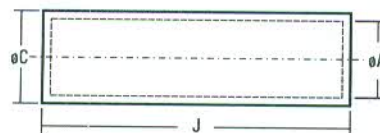
TOLERANCE=± 5%

COPPER REDUCER TERMINALS



COPPER TUBE IN- LINE CONNECTORS

mm ²	øA	øC	J	Dowell's CAT. No.
1.5	1.6	3.2	15	EH-453
2.5	2.4	4.0	15	EH-454
4.0	3.1	4.8	15	CB-3
4.6	3.5	5.5	15	EH-455
6.0	3.8	5.5	15	CB-4
10	4.5	6.2	20	EH-460
16	5.4	7.1	20	CB-6
25	6.8	8.8	32	CB-24
35	8.2	10.6	36	CB-25
50	9.5	12.4	40	CB-26
70	11.2	14.7	40	CB-51
95	13.5	17.4	45	CB-52
120	15.0	19.4	45	CB-53
150	16.5	21.2	55	CB-54
185	18.5	23.5	65	CB-55
240	21.0	26.5	80	CB-56
300	23.5	30.0	85	CB-57
400	26.8	34.8	90	CB-58
500	30.0	39.0	100	CB-59
630	35.0	45.0	110	CB-61



MM ²	øA	øC	øD	D-1	B	K	G-H	J	Dowell's CAT. No.
2.5	2.5	4.7	3.8	3.3	6	4	10	20	WPC-7
4.0	2.8	4.7	3.8	3.3	6	4	10	20	WPC-16
6.0	3.1	4.7	3.8	3.3	6	4	10	20	WPC-18
10	3.8	5.5	3.8	3.3	9	4	10	23	WPC-20
10	4.4	6.2	3.8	3.3	9	4	10	23	WPC-22
16	5.3	7.1	3.8	3.3	13	4	13	30	WPC-2
25	7.0	9.0	6.0	5.5	12	5	15	32	WPC-25
35	8.0	10.0	7.5	6.5	12	5	20	37	WPC-4
50	9.2	11.2	7.5	6.5	16	5	20	41	WPC-26
70	11.3	13.8	7.5	6.5	18	5	20	43	WPC-27
95	12.8	15.6	11.5	10.5	20	6	25	51	WPC-29
120	14.8	17.8	11.5	10.5	22	6	32	60	WPC-35
150	16.0	19.6	11.5	10.5	26	6	32	64	WPC-37
185	18.0	22.0	11.5	10.5	32	6	32	70	WPC-38
225	20.0	26.0	15.6	14.0	38	8	32	78	WPC-39
240	21.2	26.0	15.6	14.0	38	8	32	78	WPC-43
300	24.0	28.7	16.0	15.0	42	8	42	92	WPC-45
400	27.0	33.2	15.6	14.0	46	12	32	90	WPC-101

MATERIAL -EC GRADE COPPER IS -191

TOLERANCE=± 5%

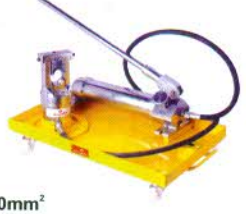
dowell's[®] Smart Crimping System

SYT-17  Capacity : 1.5mm² to 4-6mm² Special Features : Non-Insulated terminations with inter locking arrangement and releasing system.	SYT-400  Capacity : 25mm² to 400mm² Special Features : Hand operated crimping system with hexagonal dies.	SYT-7  Capacity : 25mm² to 400mm² Special Features : Gearpowered Changeable Regular hex dies with interlocking releasing system.
SYT-2  Capacity : 0.5mm² to 16mm² Special Features : Non-Insulated terminations with inter locking arrangement and releasing system.	SYT-52M (For end sealing ferrules)  Capacity : 0.5mm² to 6mm² Special Features : Insulated terminations with inter locking arrangement and releasing system.	SYM-300  Capacity : 16mm² to 300mm² Special Features : Mechanical crimping tool for tubular cable lug & connector crimping hexagonal crimping with telescopic handle.
 SYG - 2622 - 0.75 mm² SYG - 2216 - 1.5 mm² SYG - 1614 - 2.5 mm² (Insulated/ Pre-Insulated)	SYT-1546 (Insulated)  Capacity : 1.5mm² to 4-6mm² Special Features : Insulated terminations with inter locking arrangement and releasing system.	SYT-107 (with hexagonal dies) (10 to 120mm ²)  Special Features : New versatile head, light weight faster perfect crimping.
SYI-1210/ SYO-1210 (Insulated/ Pre- Insulated)  Capacity : 4mm² - 6mm²	SYT-9 (Dieless)  Capacity : 6mm² to 50mm² Special Features : Manual dieless (HEX-profile) rotating range for aluminium terminations.	SYT-106 (with hexagonal dies)  Capacity : 16mm² to 300mm² Special Features : Hand operated hydraulic crimping tool.
SYB-95 (R-1 to R-10) (R-8 Die is not available) (9 Set Ring Dies)  Capacity : 10mm² to 95mm²	SYT-50 (Dieless)  Capacity : 16mm² to 50mm² Special Features : Hand operated crimping tool.	SYT-109 (with hexagonal dies)  Capacity : 50mm² to 400mm² Special Features : Hand operated hydraulic crimping tool.
SYB-9502 (R-1 to R-13) (R-8 Die is not available) (12 Set Ring Dies)  Capacity : 10mm² to 185mm²	SYT-53 M (End sealing terminal)  Capacity : 10mm² to 35mm² Special Features : For End Sealing Ferrules Insulated & Non-Insulated.	SYT-104 (with hexagonal dies)  Capacity : 50mm² to 400mm² Special Features : Flip type head.
SYB-9502 H (RH-1 to RH-13 Hex Dies)  Capacity : 10mm² to 185mm²	SYT-1547 (Insulated terminal)  Capacity : 1.5mm² to 4-6mm² Special Features : Crimping machine for pre-insulated type terminals.	SYT - 120 - (Cutter) SYT - 240 - (Cutter) SYT - 500 - (Cutter)  Capacity : 120mm² to 240mm² to 500mm² Special Features : Mechanical cable cutter for cutting copper & aluminium cable.
SYT-427  Capacity : 1.5mm² to 10mm² Special Features : Non-insulated terminations with inter locking, arrangement and releasing system.	SYT- 6-6 (End sealing ferrules)  Capacity : 0.25mm² to 6mm² Special Features : Self adjusting Crimping tools For end sealing ferrules.	SYXL-240  Capacity : Upto 240mm² Special Features : Mechanical cable cutter for XLPE Cables.
SYT-185 (12 set of ring dies)  Capacity : 10mm² to 185mm² Special Features : Changeable ring types of dies from R1 to R13.	SYT- 16-4 (End sealing ferrules)  Capacity : 6mm² to 16mm² Special Features : Self adjusting crimping tools For end sealing ferrules.	ECT-12042  Capacity : 50mm² to 400mm² Suitable for Aluminium, Copper & Bi-Metallic Lugs

* In the View of Continuous Developments We Reserve the right to modify the Design & Dimensions without Notice
 * We Design Specific Crimping tools and Dies as per Job Specifications.



Smart Crimping System

SYD-20 A (R 11 to R-16)  Capacity : 10mm² to 300mm² Special Features : Hand operated hydraulic changeable ring dies forming dies, W-type, D- type, P- type, T- type, H/RH- type dies also available extra	SYE-150A (R11 to R18)  Capacity : 10mm² to 1000mm² Special Features : Hand operated hydraulic crimping system with 8 set of ring dies	SYD-20C (R 11 to R-16)  Capacity : 10mm² to 300mm² Special Features : Hand operated hydraulic tool with trolley arrangement
SYD-20 B (8 Set of Hex Dies)  Capacity : 50mm² to 400mm² Special Features : Hand operated hydraulic changeable hexagonal dies	SYE-150B (10 set of Hex Dies) 120mm ² to 1000mm ²  Capacity : 10mm² to 1000mm² Special Features : Hand operated hydraulic tools 120mm ² to 1000mm ² cable with 10 to 95 dies shall be charges extra.	SYE-150C (R 11 to R-16)  Capacity : 10mm² to 1000mm² Special Features : Hand operated hydraulic changeable ring dies forming dies, W-type, D- type, P- type, T- type, H/RH- type dies also available extra
SYT- 102 R (Foot Operated) (11 set of Hex Dies)  Capacity : 50mm² to 630mm² Special Features : Easy carry light weight crimping modified head with foot operated hydraulic pump, flip Head (Hexagonal Dies)	REP - 2  Capacity : 10mm² to 1000mm² Max pressure 700 Bar Special Features : Compatible with all Dowell's Jack	SYT-40 B Cutter for ACSR Conductor  Capacity : up to 40mm Special Features : Easy carry light weight flip type modified head with foot operated hydraulic pump & 2 meter hose.

Cable Glands

Suitable For Cable Overall Diameter		Double Compression Brass Cable Glands			
		Weather proof (DBW)		Flame Proof (DBF)	
Description OD (mm)	Nipple ET Thread	Code	Box Pkg.	Code	Box Pkg.
6.0 - 12.0	3/4"	DBW01SS	35	DBF01SS	35
12.0 - 16.5	3/4"	DBW01S	35	DBF01S	35
16.5 - 18.5	3/4"	DBW01	25	DBF01	25
16.5 - 18.5	1"	DBW01A	20	DBF01A	20
18.5 - 20.0	1"	DBW02	18	DBF02	18
18.5 - 20.0	3/4"	DBW02A	18	DBF02A	18
20.0 - 23.0	1"	DBW03	18	DBF03	18
23.0 - 26.0	1"	DBW04	12	DBF04	12
23.0 - 26.0	1 1/4"	DBW04A	12	DBF04A	12
26.0 - 30.0	1 1/4"	DBW05	10	DBF05	10
26.0 - 30.0	1 1/2"	DBW05A	10	DBF05A	10
30.0 - 33.0	1 1/2"	DBW06	8	DBF06	8
30.0 - 33.0	1 1/4"	DBW06A	8	DBF06A	8
33.0 - 37.0	1 1/2"	DBW07	6	DBF07	6
37.0 - 41.0	2"	DBW08	5	DBF08	5
41.0 - 46.0	2"	DBW09	5	DBF09	5
46.0 - 52.0	2"	DBW10	3	DBF10	3
46.0 - 52.0	2 1/2"	DBW10A	3	DBF10A	3
52.0 - 61.0	2 1/2"	DBW11	2	DBF11	2
61.0 - 66.0	3"	DBW12	2	DBF12	2
66.0 - 72.0	3"	DBW13A	1	DBF13A	1
72.0 - 78.0	3 1/4"	DBW13	1	DBF13	1
78.0 - 84.0	3 1/2"	DBW14	1	DBF14	1
84.0 - 94.0	4"	DBW15	1	DBF15	1
94.0 - 104.0	4 1/2"	DBW16	1	DBF16	1

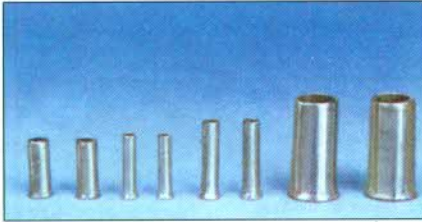
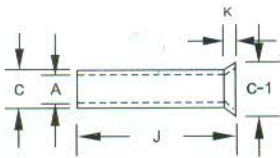


DOWELL'S SINGLE COMPRESSION TYPE BRASS CABLE GLAND DULY NICKLE PLATED				
HEAVY DUTY SERIES			SIBG SERIES	
Gland Size Inch	Gland Size mm.	Box Packing	Gland Size	Box Packing
1/2"	12	128	1616	96
5/8"	16	135	1619	96
3/4"	19	105	2119	54
7/8"	22	84	2125	54
1"	25	54	2925	24
1 1/8"	28	30	2932	24
1 1/4"	32	24	2938	12
1 3/8"	35	24	3638	12
1 1/2"	38	16	4251	8
1 3/4"	45	12	5451	6
2"	50	10	5463	5
2 1/4"	57	6	6063	4
2 1/2"	63	4	6675	4
2 3/4"	70	4	7882	3
3"	75	4		
3 1/4"	82	3		
3 1/2"	88	3		
4"	100	1		
4 1/2"	110	1		

NON-INSULATED FERRULES

(AS PER DIN 46228)

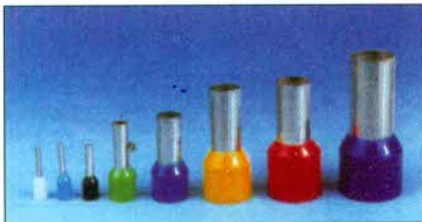
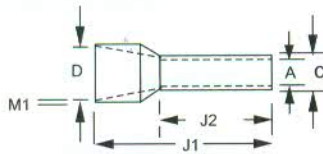
NON-INSULATED



NO.	D I M E N S I O N S										WIRE RANGE	
	A		C		C-1		J		K			
	in	mm	in	mm	in	mm	in	mm	in	mm	A.W.G.	mm ²
EH-508	0.039	1.0	0.055	1.4	0.083	2.1	0.236	6.0	0.028	0.7	22-20	0.5
EH-509	0.055	1.4	0.070	1.8	0.098	2.5	0.236	6.0	0.028	0.7	22-18	0.75
EH-510	0.063	1.6	0.079	2.0	0.106	2.7	0.236	6.0	0.028	0.7	18-17	1.0
EH-511	0.063	1.6	0.079	2.0	0.106	2.7	0.394	10	0.028	0.7	18-17	1.0
EH-512	0.070	1.8	0.087	2.2	0.114	2.9	0.276	7.0	0.039	1.0	16-15	1.5
EH-513	0.070	1.8	0.087	2.2	0.114	2.9	0.394	10	0.039	1.0	16-15	1.5
EH-514	0.090	2.3	0.106	2.7	0.138	3.5	0.276	7.0	0.039	1.0	14-13	2.5
EH-515	0.090	2.3	0.106	2.7	0.138	3.5	0.472	12	0.039	1.0	14-13	2.5
EH-516	0.110	2.8	0.126	3.2	0.158	4.0	0.354	9.0	0.039	1.0	12-11	4.0
EH-517	0.110	2.8	0.126	3.2	0.158	4.0	0.472	12	0.039	1.0	12-11	4.0
EH-518	0.145	3.7	0.161	4.1	0.189	4.8	0.394	10	0.039	1.0	10	6.0
EH-519	0.145	3.7	0.161	4.1	0.189	4.8	0.472	12	0.039	1.0	10	6.0
EH-520	0.145	3.7	0.161	4.1	0.189	4.8	0.591	15	0.039	1.0	10	6.0
EH-521	0.181	4.6	0.197	5.0	0.228	5.8	0.472	12	0.047	1.2	8-7	10
EH-522	0.181	4.6	0.197	5.0	0.228	5.8	0.591	15	0.047	1.2	8-7	10
EH-523	0.181	4.6	0.197	5.0	0.228	5.8	0.709	18	0.047	1.2	8-7	10
EH-524	0.232	5.9	0.248	6.3	0.295	7.5	0.472	12	0.059	1.5	6-5	16
EH-525	0.232	5.9	0.248	6.3	0.295	7.5	0.591	15	0.059	1.5	6-5	16
EH-526	0.232	5.9	0.248	6.3	0.295	7.5	0.709	18	0.059	1.5	6-5	16

INSULATED FERRULES

INSULATED



NO.	D I M E N S I O N S										WIRE RANGE	
	A		D		J-1		J 2		M 1		A.W.G.	mm²
	in	mm	in	mm	in	mm	in	mm	in	mm		
EHI-508	0.039	1.0	0.102	2.6	0.472	12	0.236	6.0	0.010	0.25	22-20	0.5
EHI-509	0.055	1.4	0.110	2.8	0.472	12	0.236	6.0	0.010	0.25	22-18	0.75
EHI-510	0.063	1.6	0.118	3.0	0.472	12	0.236	6.0	0.010	0.25	18-17	1.0
EHI-511	0.063	1.6	0.118	3.0	0.630	16	0.394	10	0.010	0.25	18-17	1.0
EHI-512	0.070	1.8	0.137	3.5	0.511	13	0.276	7.0	0.010	0.25	16-15	1.5
EHI-513	0.070	1.8	0.137	3.5	0.630	16	0.394	10	0.010	0.25	16-15	1.5
EHI-514	0.090	2.3	0.165	4.2	0.511	13	0.276	7.0	0.010	0.25	14-13	2.5
EHI-515	0.090	2.3	0.165	4.2	0.709	18	0.472	12	0.010	0.25	14-13	2.5
EHI-516	0.110	2.8	0.188	4.8	0.630	16	0.354	9.0	0.012	0.3	12-11	4.0
EHI-517	0.110	2.8	0.188	4.8	0.787	20	0.472	12	0.012	0.3	12-11	4.0
EHI-518	0.145	3.7	0.248	6.3	0.709	18	0.394	10	0.012	0.3	10	6.0
EHI-519	0.145	3.7	0.248	6.3	0.787	20	0.472	12	0.012	0.3	10	6.0
EHI-520	0.145	3.7	0.248	6.3	0.826	21	0.591	15	0.012	0.3	10	6.0
EHI-521	0.181	4.6	0.299	7.6	0.866	22	0.472	12	0.016	0.4	8-7	10
EHI-522	0.181	4.6	0.299	7.6	0.945	24	0.591	15	0.016	0.4	8-7	10
EHI-523	0.181	4.6	0.299	7.6	1.102	28	0.709	18	0.016	0.4	8-7	10
EHI-524	0.232	5.9	0.346	8.8	0.945	24	0.472	12	0.016	0.4	6-5	16
EHI-525	0.232	5.9	0.346	8.8	0.984	25	0.591	15	0.016	0.4	6-5	16
EHI-526	0.232	5.9	0.346	8.8	1.102	28	0.709	18	0.016	0.4	6-5	16



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 website : www.dowellselektro.com = email : dowellsgroup@gmail.com, sales1dowells@gmail.com

Manufacturing Units : Goregaon (Mumbai), Silvassa-Amli & Masat (U.T), Sarigam & Jamnagar (Gujarat)

Use this Data if we have Cable Construction as an Input				Use this Data if we have Cable Diameter as an Input			
Cable Construction	Catalog Code	LP (Rs.)	Type of Cable Glands	LP (Rs.)	Catalog Code	Cable OD	
Conductor Material	Copper	DGP10007	152	SINGLE COMPRESSION BRASS CABLE GLANDS	62	DGP10001	7.0
No. of Core	_3_Core	N/A	#N/A	DOUBLE COMPRESSION BRASS CABLE GLANDS (for UNARMoured CABLE)	222	DBW-01SS(UN)	
Cable Construction	3C x 50	DBW-04	478	DOUBLE COMPRESSION BRASS CABLE GLANDS WEATHER PROOF (for ARMoured CABLE)	209	DBW-01SS	
Armour Type	Formed / Flat / Strip Armour	DBF-04	607	DOUBLE COMPRESSION BRASS CABLE GLANDS FLAME PROOF (for ARMoured CABLE)	271	DBF-01SS	
		DGP10042	396	DC TYPE MEDIUM DUTY BRASS CABLE GLANDS (for ARMoured CABLE)	162	DGP10036	
		PG-36	172	PG TYPE CABLE GLAND (POLYAMIDE)	35	PG-11	
		MPG-36	589	PG TYPE CABLE GLAND (BRASS)	115	MPG-11	
		DGP10024	193	FLANGE TYPE CABLE GLAND	#N/A	#N/A	

*Note: In same Gland category, if more than one gland suitable for same size of cable, only one of them will be shown in result.

SINGLE CPMPRESSION CABLE GLANDS	
Product Code	Suitable for Cable Diameter
DGP10001	6.0 - 12.5
DGP10002	12.6 - 14.0
DGP10003	14.1 - 15.5
DGP10004	15.6 - 16.5
DGP10005	16.5 - 19.0
DGP10006	19.1 - 22.0
DGP10007	22.1 - 27.0
DGP10008	27.1 - 31.0
DGP10009	31.1 - 34.5
DGP10010	34.6 - 38.5
DGP10011	38.5 - 43.5
DGP10012	43.6 - 50.5
DGP10013	50.6 - 57.0
DGP10014	57.1 - 61.5
DGP10015	61.6 - 68.0
DGP10016	68.1 - 74.0
DGP10017	74.1 - 80.5
DGP10018	80.6 - 87.0
DGP10019	87.1 - 100
DGP10020	100.1 - 108

DOUBLE CPMPRESSION CABLE GLANDS (for UNARMoured CABLE)	
Product Code	Suitable for Cable Diameter
DBW - 01SS (UN)	6.0 - 12.5
DBW - 01S (UN)	12.5 - 14.0
DBW - 01A (UN)	14.1 - 17.0
DBW - 02 (UN)	17.1 - 19.0
DBW - 03 SP (UN)	19.1 - 22.0
DBW - 04A (UN)	22.1 - 25.0
DBW - 05A (UN)	25.1 - 29.0
DBW - 06 SP (UN)	29.1 - 32.0
DBW - 07 SP (UN)	32.1 - 35.0
DBW - 08 (UN)	35.1 - 40.0
DBW - 09 (UN)	40.1 - 43.0
DBW - 010A (UN)	43.1 - 51.0
DBW - 011 SP (UN)	51.1 - 59.0
DBW - 012 (UN)	59.1 - 65.0
DBW - 013 (UN)	65.1 - 71.0
DBW - 014 (UN)	71.1 - 79.0
DBW - 015 (UN)	79.1 - 89.0

DOUBLE COMPRESSION BRASS CABLE GLANDS WEATHER PROOF (for ARMoured CABLE)	
Product Code	Suitable for Cable Diameter
DBW - 01SS	6.0 - 12.0
DBW - 01S	12.0 - 16.5
DBW - 01	16.5 - 18.5
DBW - 01A	16.5 - 18.5
DBW - 02	18.5 - 20.5
DBW - 02A	18.5 - 20.5
DBW - 03	20.0 - 23.0
DBW - 04	23.0 - 26.0
DBW - 04A	23.0 - 26.0
DBW - 05	26.0 - 30.0
DBW - 05A	26.0 - 30.0
DBW - 06	30.0 - 33.0
DBW - 06A	30.0 - 33.0
DBW - 07	33.0 - 37.0
DBW - 08	37.0 - 41.0
DBW - 09	41.0 - 46.0
DBW - 010	46.0 - 52.0
DBW - 010A	46.0 - 52.0
DBW - 011A	52.0 - 54.0
DBW - 011	54.0 - 61.0
DBW - 012	61.0 - 66.0
DBW - 013A	66.0 - 72.0
DBW - 013	72.0 - 78.0
DBW - 014	78.0 - 84.0
DBW - 015	84.0 - 94.0
DBW - 016	94.0 - 104.0

DOUBLE COMPRESSION BRASS CABLE GLANDS FLAME PROOF (for ARMOURED CABLE)	
Product Code	Suitable for Cable Diameter
DBF - 01SS	6.0 - 12.0
DBF - 01S	12.0 - 16.5
DBF - 01	16.5 - 18.5
DBF - 01A	16.5 - 18.5
DBF - 02	18.5 - 20.5
DBF - 02A	18.5 - 20.5
DBF - 03	20.0 - 23.0
DBF - 04	23.0 - 26.0
DBF - 04A	23.0 - 26.0
DBF - 05	26.0 - 30.0
DBF - 05A	26.0 - 30.0
DBF - 06	30.0 - 33.0
DBF - 06A	30.0 - 33.0
DBF - 07	33.0 - 37.0
DBF - 08	37.0 - 41.0
DBF - 09	41.0 - 46.0
DBF - 010	46.0 - 52.0
DBF - 010A	46.0 - 52.0
DBF - 011A	52.0 - 54.0
DBF - 011	54.0 - 61.0
DBF - 012	61.0 - 66.0
DBF - 013A	66.0 - 72.0
DBF - 013	72.0 - 78.0
DBF - 014	78.0 - 84.0
DBF - 015	84.0 - 94.0
DBF - 016	94.0 - 104.0

DOUBLE COMPRESSION BRASS CABLE GLANDS MEDIUM DUTY (for ARMOURED CABLE)	
Product Code	Suitable for Cable Diameter
DGP10036	7.0-14.0
DGP10037	14.1-15.5
DGP10038	15.6-17.0
DGP10039	17.1-18.5
DGP10040	18.6-19.5
DGP10041	19.6-22.5
DGP10042	22.6-25.5
DGP10043	25.6-31.5
DGP10044	31.6-34.5
DGP10045	34.6-36.5
DGP10046	36.6-44.5
DGP10047	44.6-49.5
DGP10048	49.6-54.5
DGP10049	54.6-63.5
DGP10050	63.6-69.5
DGP10051	69.6-74.5
DGP10052	74.6-81
DGP10053	81.1-86
DGP10054	86.1-100.0

PG TYPE CABE GLAND (Polyamide)	
Product Code	Suitable for Cable Diameter
DGP10021	12-16
DGP10022	16.1-18
DGP10023	18.1-21
DGP10024	21.1-25
DGP10025	25.1-29
DGP10026	29.1-33
DGP10027	33.1-35
DGP10028	35.1-38
DGP10029	38.1-41
DGP10030	41.1-45
DGP10031	45.1-52
DGP10032	52.1-59
DGP10033	59.1-67
DGP10034	61.1-76
DGP10035	76.1-84

PG TYPE CABE GLAND (Polyamide)	
Product Code	Suitable for Cable Diameter
PG-7	2-5
PG-9	3-8
PG-11	4-10
PG-13.5	5-12
PG-16	8-14
PG-19	12-15
PG-21	12-17
PG-29	16-25
PG-36	20-32
PG-42	28-37
PG-48	32-40

PG TYPE CABE GLAND (Brass)	
Product Code	Suitable for Cable Diameter
MPG-7	2-5
MPG-9	3-8
MPG-11	4-10
MPG-13.5	5-12
MPG-16	8-14
MPG-19	12-15
MPG-21	12-17
MPG-29	16-25
MPG-36	20-32
MPG-42	28-37
MPG-48	32-40

Cable Size → (mm ²)	70.0
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Copper Tube Terminals Medium Duty			Copper Tube Terminals Long Barrel			Copper Tube Terminals Heavy Duty (Open at K)			Copper Tube Terminals Heavy Duty (Long Barrel)			Copper Tube Terminals DIN 46235		
Prouct Code	Stud Size (mm)	LP(Rs.)	Prouct Code	Stud Size (mm)	LP(Rs.)	Prouct Code	Stud Size (mm)	LP(Rs.)	Prouct Code	Stud Size (mm)	LP(Rs.)	Prouct Code	Stud Size (mm)	LP(Rs.)
CUS-16	M8	63	CEB-16	M8	81	CUS-557	M8	93	CUS-285	M10	119	DIN-70-8	M8	329
CUS-17	M10	63	CEB-17	M10	81	CUS-358	M10	93				DIN-70-10	M10	329
CUS-18	M12	63	CEB-18	M12	81	CUS-559	M12	93				DIN-70-12	M12	329
												DIN-70-14	M14	329
												DIN-70-16	M16	329

Cable Size → (mm ²)	300.0
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Aluminium Tube Terminals			Aluminium Tube Terminals Long Barrel			Aluminium Tube Terminals For XLPE Conductor			Aluminium Tube Terminals Electro Tin Plated		
Prouct Code	Stud Size (mm)	LP(Rs.)	Prouct Code	Stud Size (mm)	LP(Rs.)	Prouct Code	Stud Size (mm)	LP(Rs.)	Prouct Code	Stud Size (mm)	LP(Rs.)
ALS-300	M16	111	ALS-500	M16	139	ALS-XL27	20.3	193	BL-24	M16	184
ALS-259	M20	111	ALS-559	M20	139				BL-25	M20	184

Cable Size (mm ²) ↓	Type of Cable Glands	Catalog Code	LP (Rs.)
185	COPPER TUBE IN-LINE CONNECTOR	CB-55	284
	COPPER TUBE IN-LINE CONNECTOR - D.L.W.	CB-14	245
	ALUMINIUM IN-LINE CONNECTOR	ALS-11	40
	ALUMINIUM IN-LINE CONNECTOR - FOR XLPE CONDUCTOR	ALS-XL08	99



SELECTION CHART FOR BI-METALLIC LUGS & CONNECTORS



Cable Size (mm ²) ↓		Type of Cable Glands	Catalog Code	Stud Hole Size (mm)	LP (Rs.)
Aluminium	Copper				
70	70	BI-METALLIC TERMINALS	CAF-70-13	13	306
		BI-METALLIC CONNECTORS	CACF-70-70		296

*Bi-Metallic Terminal will show the result only for Aluminium Cable selected

*For Bi-Metallic Connectors, first select Aluminium Cable & You will get only available combinations in dropdown for Copper conductor

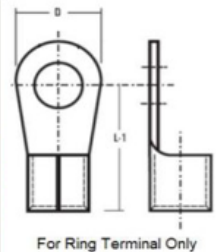


SHEET METAL TERMINALS SELECTION CHART



Cable Size → (mm ²)	25
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Copper Ring Terminals (RS - Un-insulated) (RSI - Insulated (PSD - Pre-Insulated)					Copper Pin Terminals (CP - Un-insulated) (CPI - Insulated (CPD - Pre-Insulated)			Copper Fork Terminals (RS - Un-insulated) (RSI - Insulated (PSD - Pre-Insulated)			End Sealing Ferrules (EH - Un-Insulated) (EHI - Insulated)	
Prouct Code	Stud Size (mm)	Dim. D	Dim. L-1	LP(Rs.)	Prouct Code	Type	LP(Rs.)	Prouct Code	Stud Size (mm)	LP(Rs.)	Prouct Code	LP(Rs.)
RS-7156	M6	12	25	26	CP-86	III	28	N/A			N/A	
RS-7034	M8	16	22	27								
RS-7132	M10	22	31	39								
RS-7037	M12	22	31	39								





SELECTION CHART FOR SECTPOR SHAPED LUGS & CONNECTORS



Cable Size → (mm ²)	95
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No. of Core →	3.5-Core
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Copper Sector Terminals Short Barrel			Copper Sector Terminals Long Barrel			Aluminium Sector Terminals Short Barrel			Aluminium Sector Terminals Long Barrel			Copper Connectors for Sector Shaped Cable		Aluminium Connectors for Sector Shaped Cable	
Prouct Code	Stud Hole Size (mm)	LP(Rs.)	Prouct Code	Stud Hole Size (mm)	LP(Rs.)	Prouct Code	Stud Hole Size (mm)	LP(Rs.)	Prouct Code	Stud Hole Size (mm)	LP(Rs.)	Prouct Code	LP(Rs.)	Prouct Code	LP(Rs.)
CUS-3612	10.5	164	CUS-3512	10.5	239	3.5S-ALS-227	10.5	24	3.5S-ALS-527	10.5	32	3.5S-CB-95	161	3.5S-ALS-5	28
CUS-3613	13	164	CUS-3513	13	239	3.5S-ALS-228	13	24	3.5S-ALS-528	13	32				
CUS-3614	17	164	CUS-3514	17	239	3.5S-ALS-229	17	24	3.5S-ALS-529	17	32				

***Note**

For 3.5-Core Cable only Lugs suitable for 3(of 3.5C) will be shown here, and for 1/2-Core we have select the lug (or connector) from regular Lug (or connector) chart.

For respective size of 1/2-Core please refer Sheet -

[3.5-C Cable Combinations](#)

Conductor Size Combination for 3.5-Core Cables	
Size for 3-Core (mm ²)	Size for 1/2-Core (mm ²)
25	16
35	16
50	25
70	35
95	50
120	70
150	70
185	95
240	120
300	150
400	200