

dowell's[®]

SINCE 1961



HOUSE OF DESIGNERS & MAKERS OF TERMINALS, TOOLS & CABLE

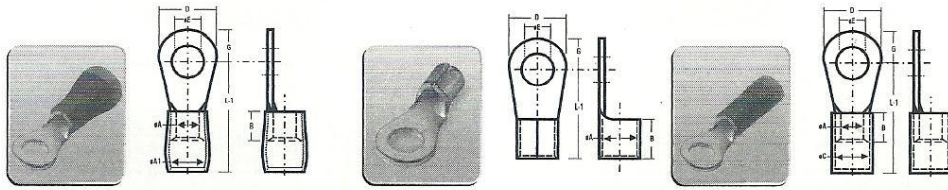
 **dowell's[®]**
AN ISO 9001 : 2008 CERTIFIED CO.

PIONEERS IN SOLDERLESS TERMINALS, CRIMPING TOOLS & CABLE GLANDS





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



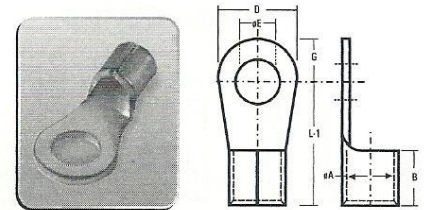
MM ²	E Bolt MMØ	øA	D	B	G	L-1	Dowell's CAT. No.	øC	L-1	Dowell's CAT. No.	øA-1	L-1	Dowell's CAT. No.
1.5	M3	1.6	6.0	5	3.0	11	RS-7001	3.2	16	RSI-7054	3.6	16	PSD-7437
	M3.5						RS-7002			RSI-7055			PSD-7438
	M4						RS-7003			RSI-7056			PSD-7439
	M3.5	1.6	6.8	5	3.4	9.6	RS-7048	3.2	14.6	RSI-7058	3.6	14.6	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
	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
2.5	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
	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
4.6	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
	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



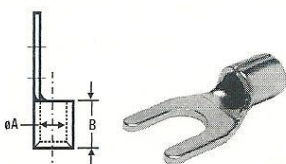
MM ²	E Bolt MMØ	øA	D	B	G	L-1	Dowell's CAT. No.
10	M5	4.3	10	8	5	17	RS-7025
10	M5	4.3	10	8	5	15	RS-7026
10	M6	4.3	12	8	6	17	RS-7120
10	M8	4.3	16	8	8	19	RS-7121
10	M10	4.3	22	8	11	23	RS-7123
10	M12	4.3	22	8	11	23	RS-7028
16	M5	5.6	10	10	5	19	RS-7124
16	M6	5.6	12	10	6	20	RS-7029
16	M8	5.6	16	10	8	22	RS-7030
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

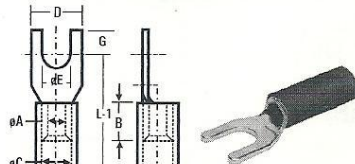
TOLERANCE=± 5%

FORK TERMINALS

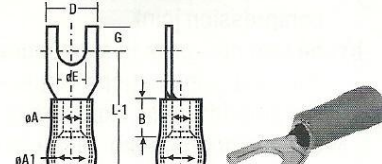
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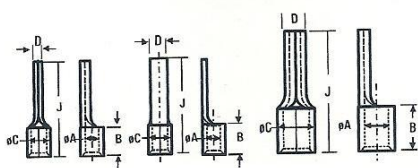
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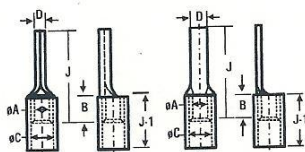
PRE-INSULATED



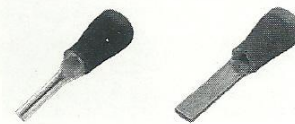
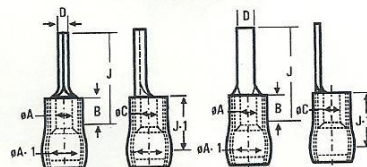
MM ²	E Bolt MMØ	øA	D	B	G	L-1	Dowell's CAT. No.	øC	L-1	Dowell's CAT. No.	øA-1	L-1	Dowell's CAT. No.	Recommended Tools For RSI & PSD
1.5	M3.5	1.6	6.8	5	3.4	11.1	RS-7249	3.2	16.1	RSI-7926	3.6	16.1	PSD-7935	SYG-2216/SYT-1546
2.5	M 3.5	2.3	6.5	5	3.2	11.8	RS-7251	3.9	21.8	RSI-7928	4.4	16.8	PSD-7937	SYH-1614/SYT-1546
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
1.5	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 :

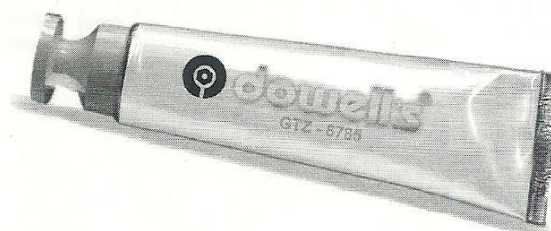
"DOWELL'S" CORROSION INHIBITING COMPOUND GTZ-8785

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.

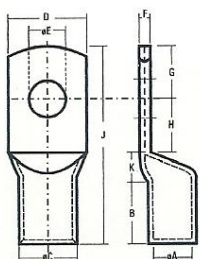
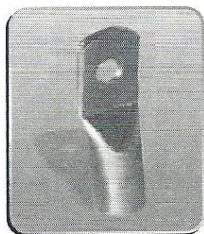
Packing :

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





COPPER TUBE TERMINALS (MEDIUM DUTY)



SYT -17

SYA - 427

SYT - 2

SYB - 95

SYT-185

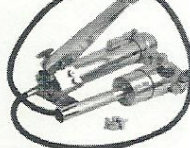
SYT-400



SYD - 20



SYE - 150



SYT 102

MM ²	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	JBR-6	R-6	RH-50				100
	M8	9.2	11.2	16	2.0	16	8	11	10	45	CUS-14							
	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	JBR-7	R-7	RH-50			HY-267	50
	M10	11.6	13.8	20	2.2	18	10	15	13	56	CUS-17							
	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	JBR-10	R-10	RH-120			HY-269	30
	M12	14.8	17.8	26	3.0	22	10	16	14	62	CUS-22							
	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		R-11	RH-150	JDR-11	JER-11	HY-270	20
	M12	16.0	19.6	28	3.6	26	11	18	15	70	CUS-25							
	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		R-12	RH-185	JDR-12	JER-12	HY-271	20
	M16	18.0	22.0	32	4.0	30	11	21	21	83	CUS-28							
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

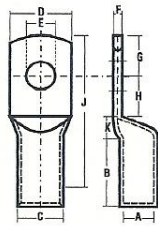
MATERIAL - EC GRADE COPPER IS -191

TOLERANCE=± 5%

FINISH - ELECTRO TINNED

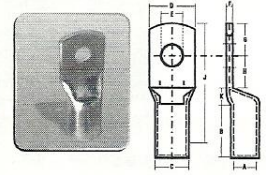
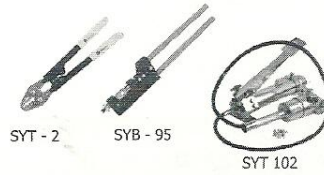


COPPER TUBE TERMINALS HEAVY DUTY LONG BARREL



MM ²	E Bolt MMØ	ØA	ØC	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

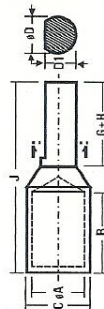


MM ²	E Bolt MMØ	ØA	ØC	D	F	B	K	H	G	J	Dowell's CAT. No.
2.5	M4	2.4	4.0	8	1.0	7	2	5	4	18	CUS-388
4.0	M5	3.1	4.8	10	1.0	7	2	6	5	20	CUS-389
6.0	M5	3.8	5.5	10	1.2	9	3	6	5	23	CUS-390
10	M6	4.5	6.2	12	1.2	9	3	7	6	25	CUS-353
16	M6	5.4	7.1	12	1.4	12	4	7	7	30	CUS-354
25	M6	6.8	8.8	13	2.0	12	4	7	7	30	CUS-355
35	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 = ± 5%

ALUMINIUM REDUCER TERMINALS

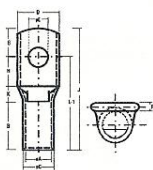
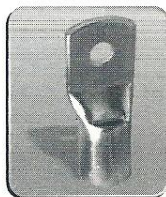


mm ²	ØA	ØC	ØD	D-1	B	K	G+H	J	Dowell's Cat No.
2.5	2.0	5.5	4.5	4.0	7	4	10	21	AWP-1
	2.6		3.8	3.3		4	10		AWP-7
4.0	2.9	5.5	4.5	4.0	7	4	10	21	AWP-15
			3.8	3.3		4	10		AWP-16
6.0	3.5	5.5	4.5	4.0	7	4	10	21	AWP-17
			3.8	3.3		4	10		AWP-18
10	3.8	7.4	4.5	4.0	9	4	10	23	AWP-19
	3.8	7.4	3.8	3.3	9	4	10	23	AWP-20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

mm ²	ØA	ØC	ØD	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
50	9.3	13.0	7.5	6.5	22	5	20	47	AWP-26
	10.4	14.0	14	13	22	7	24	53	AWP-5
70	11.6	16.0	7.5	6.5		5	20	51	AWP-27
			11.5	10.5	26	5	25	56	AWP-6
			11.5	10.5		5	32	63	AWP-28
95	12.9	17.1	11.5	10.5		6	25	59	AWP-29
			15.6	14.0	28	6	27	61	AWP-8
			7.5	6.5		6	22	56	AWP-31
			12.8	11.8		6	32	66	AWP-32
120	14.8	19.6	11.5	10.5		6	25	63	AWP-33
			7.5	6.5	32	6	22	60	AWP-34
			11.5	10.5		6	32	70	AWP-35
			15.6	14		6	32	70	AWP-36
150	16.1	21.2	15.6	14	34	6	32		AWP-10
			11.5	10.5		6	32	72	AWP-37
185	18.0	23.7	15.6	14	36	6	32	74	AWP-30
			11.5	10.5		6	32		AWP-38
225	20.6	27.0	15.6	14		8	32	80	AWP-39
			21	18	40	8	42	90	AWP-46
			16	15		8	42	90	AWP-42
240	22.0	28.0	16	15	44	8	42	94	AWP-44
			15.6	14		8	32	84	AWP-43
300	24.0	31.0	16	15		8	42	97	AWP-45
			15.6	14	47	8	32	87	AWP-47

MATERIAL-ELECTROLYTIC ALUMINIUM IS 5082

TOLERANCE = ± 5%



COPPER TUBE TERMINALS HEAVY DUTY - OPEN AT K

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

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

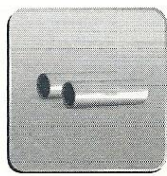
WE RESERVE THE RIGHTS AT ANY TIME TO MAKE ANY SPECIFICATION OR DIMENSIONAL CHANGES DEEMED NECESSARY TO ENSURE ADVANCEMENT IN THE DESIGN OR MANUFACTURE OF ANY PRODUCT

MATERIAL - EC GRADE COPPER IS -191

TOLERANCE=± 5%

FINISH - ELECTRO TINNED

ALUMINIUM IN- LINE CONNECTOR

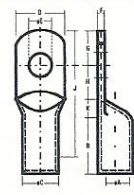


MM ²	øA	øC	J	Dowell's CAT. No.
2.5	2.6	5.5	16	ALS-6
4.0	2.9	5.5	16	ALS-5
6.0	3.5	5.5	16	ALS-13
10	4.4	7.4	20	ALS-14
16	5.4	8.3	26	ALS-4
25	7.0	10.0	35	ALS-3
35	8.0	10.8	40	ALS-2
50	9.3	13.0	45	ALS-12
70	11.6	16.0	55	ALS-1
95	12.9	17.1	60	ALS-15
120	14.8	19.6	65	ALS-9
150	16.1	21.2	70	ALS-10
185	18.0	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



FINISH - ELECTRO TINNED

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

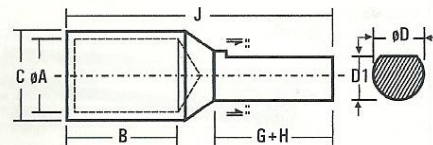
1) Terminals and splices covered in this catalogue are of standard series only. Please refer us for your tailor made requirements such as specific stud holes, Palm and Barrel lengths.

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

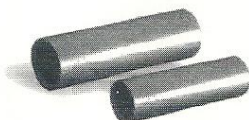
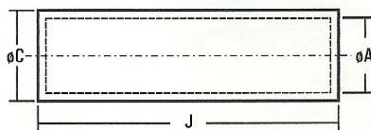
TOLERANCE=± 5%

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



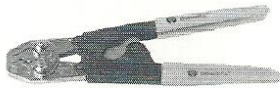
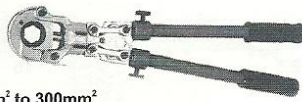
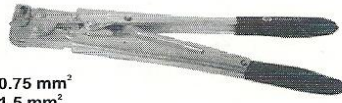
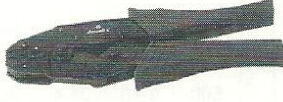
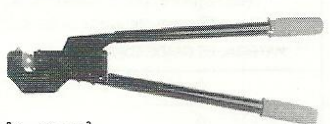
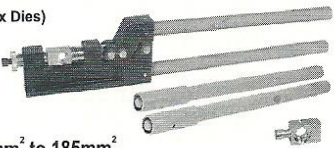
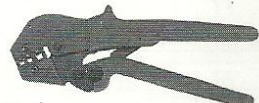
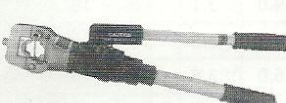
MM ²	øA	øC	øD	D-1	B	K	G-H	J	Dowell's CAT. No.
2.5	2.5	4.7	3.8	3.3	6	4	10	20	WPC-7
4.0	2.8	4.7	3.8	3.3	6	4	10	20	WPC-16
6.0	3.1	4.7	3.8	3.3	6	4	10	20	WPC-18
10	3.8	5.5	3.8	3.3	9	4	10	23	WPC-20
10	4.4	6.2	3.8	3.3	9	4	10	23	WPC-22
16	5.3	7.1	3.8	3.3	13	4	13	30	WPC-2
25	7.0	9.0	6.0	5.5	12	5	15	32	WPC-25
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®

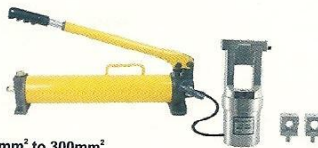
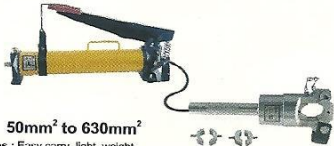
Smart Crimping System

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.	SYHX-150 (Dieless)  Capacity : 10mm² to 150mm² Hand Crimping Tool
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-107 (with hexagonal dies) (10 to 120mm ²)  Special Features : New versatile head, light weight faster perfect crimping
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-106 (with hexagonal dies)  Capacity : 16mm² to 300mm² 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-109 (with hexagonal dies)  Capacity : 50mm² to 400mm² Special Features : Hand operated hydraulic crimping tool
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-104 (with hexagonal dies)  Capacity : 50mm² to 400mm² Special Features : Flip type head
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	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-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	SYXL-240  Capacity : Upto 240mm² Special Features : Mechanical cable cutter for XLPE Cables

* 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 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)	CTE-25 AS  Capacity : Max pressure 700 kg. / cm² Special Features : Electrically Operated Pump Voltage 220 & 50/ Hz storage oil 4 ltr. wt. 15.2 kg.	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			
Description OD (mm)	Nipple ET Thread	Weather proof (DBW)		Flame Proof (DBF)	
		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"	DBW010	3	DBF010	3
46.0 - 52.0	2 1/2"	DBW010A	3	DBF010A	3
52.0 - 61.0	2 1/2"	DBW011	2	DBF011	2
61.0 - 66.0	3"	DBW012	2	DBF012	2
66.0 - 72.0	3"	DBW013A	1	DBF013A	1
72.0 - 78.0	3 1/4"	DBW013	1	DBF013	1
78.0 - 84.0	3 1/2"	DBW014	1	DBF014	1
84.0 - 94.0	4"	DBW015	1	DBF015	1
94.0 - 104.0	4 1/2"	DBW016	1	DBF016	1

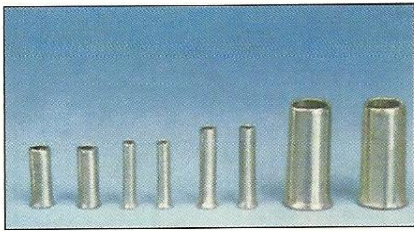
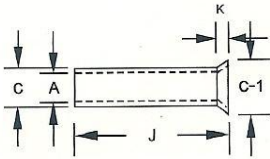


DOWELL'S SINGLE COMPRESSION TYPE BRASS CABLE GLAND DULY NICKLE PLATED				
HEAVY DUTY SERIES			SIBG SERIES	
Gland Size Inch	Gland Size mm.	Box Packing	Gland Size	Box Packing
1/2"	12	128	1616	96
5/8"	16	135	1619	96
3/4"	19	105	2119	54
7/8"	22	84	2125	54
1"	25	54	2925	24
1 1/8"	28	30	2932	24
1 1/4"	32	24	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)

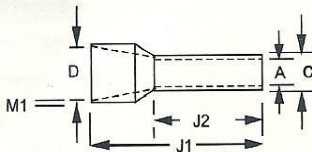
NON-INSULATED



NO.	DIMENSIONS										WIRE RANGE	
	A		C		C-1		J		K		A.W.G.	mm ²
	in	mm	in	mm	in	mm	in	mm	in	mm		
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.	DIMENSIONS										WIRE RANGE	
	A		D		J-1		J-2		M 1		A.W.G.	mm ²
	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