


SECTION BEFORE COMPRESSION




SECTION AFTER COMPRESSION
4-POINT SHALLOW INDENTATION CRIMPING SYSTEM

NOTE :


1. NOT FOR MANUFACTURING PURPOSE.

ITEM		:-		JOINT,NON-TENSION BI-METAL AND ALUMINIUM					
MATERIAL SPECIFICATION		:-							
CORROSION SPECIFICATION		:-							
STANDARD SPECIFICATION		:-							
ESKOM SPECIFICATION		:-		DSP0035, DSP34-1659					
TEST & CERTIFICATION REQUIREMENTS						:-			
INSPECTION		Yes	No	ESKOM RELEASE NOTE		Yes	No		
IDENTIFICATION:- INDELIBLE MANUFACTURES TRADEMARK & PART No. ON ALL ITEMS									
12	KINGBIRD JOINT REMOVED AND ESKOM SPEC.CHANGED			P.A.T	C.vd MERWE	M. RAPAPA	03.12.2009		
11	KINGBIRD JOINT ADDED			P.A.T	B. HILL	B. HILL	09.09.2009		
10	JOINT,NON-TEN B/M 9-15AL 16.4CU I/C ADDED AND SPECS CHANGED			P.A.V.	L. CHRISTIAANS		14.12.2007		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE REF. DWGS		
AUTH:	P. CROWDY	DATE:	17.07.1995	SCALE NTS			SAP No:		
CHKD:	J. SWAN	DATE:	17.07.1995	CAD REF:					
				SERIES 3000					
DRAWN:	P.A. VERMAAK	DATE:	23.05.1995	FILE No: 3098	D-DT-3098		SET	SHEET	REV
							8	1	12


SPEC SHEET

SAP MATERIAL No.:		0175541							
SHORT DESCRIPTION:		JOINT,NON-TEN B/M 6-9AL 16.4CU I/C D3098							
TECH. DESCRIPTION:									
NON-TENSION JOINT * COMPRESSION INDENT CRIMP * BI-METAL : ALUMINIUM-COPPER * TUBULAR * FOR ACACIA 6.24mm / SQUIRREL 6.33mm, MAGPIE 6.35mm AND 35 8.31mm / FOX 8.37mm ALUMINIUM CONDUCTOR * CONDUCTOR COLOUR CODE ORANGE, GREEN AND BLUE * MAXIMUM ALUMINIUM TUBE INSIDE DIAMETER 9.0mm TO 16.44mm SQ. (0.025 SQ. IN.), 5.7mm DIA. COPPER CONDUCTOR * COLOUR CODE BLACK * BARREL EQUIPPED WITH CENTRE PLUG, FILLED WITH JOINTING COMPOUND AND CAPPED * INDIVIDUALLY PACKED IN SEALED PLASTIC BAG * FOR USE WITH HYDRAULIC 4-POINT SHALLOW INDENTATION CRIMPING TOOL * ESKOM DRAWING No. D-DT-3098 *									
SAP MATERIAL No.:		0214093							
SHORT DESCRIPTION:		JOINT,NON-TEN B/M 6-9AL 32.3CU I/C D3098							
TECH. DESCRIPTION:									
NON-TENSION JOINT * COMPRESSION INDENT CRIMP * BI-METAL : ALUMINIUM-COPPER * TUBULAR * FOR ACACIA 6.24mm / SQUIRREL 6.33mm, MAGPIE 6.35mm AND 35 8.31mm / FOX 8.37mm ALUMINIUM CONDUCTOR * CONDUCTOR COLOUR CODE ORANGE, GREEN AND BLUE * MAXIMUM ALUMINIUM TUBE INSIDE DIAMETER 9.0mm TO 32.36mm SQ. (0.05 SQ. IN.), 8.05mm DIA. COPPER CONDUCTOR * COLOUR CODE BLUE * BARREL EQUIPPED WITH CENTRE PLUG, FILLED WITH JOINTING COMPOUND AND CAPPED * INDIVIDUALLY PACKED IN SEALED PLASTIC BAG * FOR USE WITH HYDRAULIC 4-POINT SHALLOW INDENTATION CRIMPING TOOL * ESKOM DRAWING No. D-DT-3098 *									
12	KINGBIRD JOINT REMOVED AND ESKOM SPEC.CHANGED			P.A.T	C.vd MERWE	M. RAPAPA	03.12.2009		
11	KINGBIRD JOINT ADDED			P.A.T	B. HILL	B. HILL	09.09.2009		
10	JOINT,NON-TEN B/M 9-15AL 16.4CU I/C ADDED AND SPECS CHANGED			P.A.V.	L. CHRISTIAANS		14.12.2007		
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AUTH:	P. CROWDY	DATE:	17.07.1995	SCALE NTS			SAP No:		
CHKD:	J. SWAN	DATE:	17.07.1995	CAD REF:			0175541		
				SERIES 3000			0214093		
DRAWN:	P.A. VERMAAK	DATE:	23.05.1995	FILE No: 3098	D-DT-3098		SET	SHEET	REV
							8	2	12


SPEC SHEET

SAP MATERIAL No.:		0214094							
SHORT DESCRIPTION:		JOINT,NON-TEN B/M 6-9AL 65.4CU I/C D3098							
TECH. DESCRIPTION:									
NON-TENSION JOINT * COMPRESSION INDENT CRIMP * BI-METAL : ALUMINIUM-COPPER * TUBULAR * FOR ACACIA 6.24mm / SQUIRREL 6.33mm, MAGPIE 6.35mm AND 35 8.31mm / FOX 8.37mm ALUMINIUM CONDUCTOR * CONDUCTOR COLOUR CODE ORANGE, GREEN AND BLUE * MAXIMUM ALUMINIUM TUBE INSIDE DIAMETER 9.0mm TO 65.4mm SQ. (0.1 SQ. IN.), 10.4mm DIA. COPPER CONDUCTOR * COLOUR CODE ORANGE * BARREL EQUIPPED WITH CENTRE PLUG, FILLED WITH JOINTING COMPOUND AND CAPPED * INDIVIDUALLY PACKED IN SEALED PLASTIC BAG * FOR USE WITH HYDRAULIC 4-POINT SHALLOW INDENTATION CRIMPING TOOL * ESKOM DRAWING No. D-DT-3098 *									
SAP MATERIAL No.:		0215211							
SHORT DESCRIPTION:		JOINT,NON-TEN B/M 9-15AL 16.4CU I/C D3098							
TECH. DESCRIPTION:									
NON-TENSION JOINT * COMPRESSION INDENT CRIMP * BI-METAL : ALUMINIUM-COPPER * TUBULAR * FOR PINE 10.83mm / MINK 10.98mm AND OAK 13.95mm / HARE 14.16mm ALUMINIUM CONDUCTOR * CONDUCTOR COLOUR CODE RED AND BROWN * MAXIMUM ALUMINIUM TUBE INSIDE DIAMETER 9.0mm TO 16.44mm SQ. (0.025 SQ. IN.), 5.7mm DIA. COPPER CONDUCTOR * COLOUR CODE BLACK * BARREL EQUIPPED WITH CENTRE PLUG, FILLED WITH JOINTING COMPOUND AND CAPPED * INDIVIDUALLY PACKED IN SEALED PLASTIC BAG * FOR USE WITH HYDRAULIC 4-POINT SHALLOW INDENTATION CRIMPING TOOL * ESKOM DRAWING No. D-DT-3098 *									
12	KINGBIRD JOINT REMOVED AND ESKOM SPEC.CHANGED			P.A.T	C.vd MERWE	M. RAPAPA	03.12.2009		
11	KINGBIRD JOINT ADDED			P.A.T	B. HILL	B. HILL	09.09.2009		
10	JOINT,NON-TEN B/M 9-15AL 16.4CU I/C ADDED AND SPECS CHANGED			P.A.V.	L. CHRISTIAANS		14.12.2007		
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AUTH:	P. CROWDY	DATE:	17.07.1995	SCALE NTS			SAP No:		
CHKD:	J. SWAN	DATE:	17.07.1995	CAD REF:			0214094		
				SERIES 3000			0215211		
DRAWN:	P.A. VERMAAK	DATE:	23.05.1995	FILE No: 3098	D-DT-3098		SET	SHEET	REV
							8	3	12

SPEC SHEET

SAP MATERIAL No.:		0175542							
SHORT DESCRIPTION:		JOINT,NON-TEN B/M 9-15AL 32.3CU I/C D3098							
TECH. DESCRIPTION:									
NON-TENSION JOINT * COMPRESSION INDENT CRIMP *									
BI-METAL : ALUMINIUM-COPPER * TUBULAR *									
FOR PINE 10.83mm / MINK 10.98mm AND									
OAK 13.95mm / HARE 14.16mm ALUMINIUM CONDUCTOR *									
CONDUCTOR COLOUR CODE RED AND BROWN *									
MAXIMUM ALUMINIUM TUBE INSIDE DIAMETER 15.0mm TO									
32.36mm SQ. (0.05 SQ. IN.), 8.05mm DIA. COPPER CONDUCTOR *									
COLOUR CODE BLUE *									
BARREL EQUIPPED WITH CENTRE PLUG,									
FILLED WITH JOINTING COMPOUND AND CAPPED *									
INDIVIDUALLY PACKED IN SEALED PLASTIC BAG *									
FOR USE WITH HYDRAULIC 4-POINT SHALLOW INDENTATION CRIMPING TOOL *									
ESKOM DRAWING No. D-DT-3098 *									
SAP MATERIAL No.:		0175543							
SHORT DESCRIPTION:		JOINT,NON-TEN B/M 9-15AL 65.4CU I/C D3098							
TECH. DESCRIPTION:									
NON-TENSION JOINT * COMPRESSION INDENT CRIMP *									
BI-METAL : ALUMINIUM-COPPER * TUBULAR *									
FOR PINE 10.83mm / MINK 10.98mm AND									
OAK 13.95mm / HARE 14.16mm ALUMINIUM CONDUCTOR *									
CONDUCTOR COLOUR CODE RED AND BROWN *									
MAXIMUM ALUMINIUM TUBE DIAMETER 15.0mm TO									
65.4mm SQ. (0.1 SQ. IN.), 10.4mm DIA. COPPER CONDUCTOR *									
COLOUR CODE ORANGE *									
BARREL EQUIPPED WITH CENTRE PLUG,									
FILLED WITH JOINTING COMPOUND AND CAPPED *									
INDIVIDUALLY PACKED IN SEALED PLASTIC BAG *									
FOR USE WITH HYDRAULIC 4-POINT SHALLOW INDENTATION CRIMPING TOOL *									
ESKOM DRAWING No. D-DT-3098 *									
12	KINGBIRD JOINT REMOVED AND ESKOM SPEC.CHANGED			P.A.T	C.vd MERWE	M. RAPAPA	03.12.2009		
11	KINGBIRD JOINT ADDED			P.A.T	B. HILL	B. HILL	09.09.2009		
10	JOINT,NON-TEN B/M 9-15AL 16.4CU I/C ADDED AND SPECS CHANGED			P.A.V.	L. CHRISTIAANS		14.12.2007		
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AUTH:	P. CROWDY	DATE:	17.07.1995	SCALE NTS			SAP No:		
CHKD:	J. SWAN	DATE:	17.07.1995	CAD REF:			0175542		
				SERIES 3000			0175543		
DRAWN:	P.A. VERMAAK	DATE:	23.05.1995	FILE No: 3098	D-DT-3098		SET	SHEET	REV
							8	4	12


SPEC SHEET

SAP MATERIAL No.:		0214095							
SHORT DESCRIPTION:		JOINT, NON-TEN CHIC AL-0.025 CU I/C D3098							
TECH. DESCRIPTION:									
NON-TENSION JOINT * COMPRESSION INDENT CRIMP * BI-METAL : ALUMINIUM-COPPER * TUBULAR * FOR CHICADEE 18.87mm ALUMINIUM CONDUCTOR * CONDUCTOR COLOUR CODE RED * MAXIMUM ALUMINIUM TUBE DIAMETER 18.87mm TO 16.44mm SQ. (0.025 SQ. IN.), 5.7mm DIA. COPPER CONDUCTOR * COLOUR CODE BLACK * BARREL EQUIPPED WITH CENTRE PLUG, FILLED WITH JOINTING COMPOUND AND CAPPED * INDIVIDUALLY PACKED IN SEALED PLASTIC BAG * FOR USE WITH HYDRAULIC TOOL AND HEX. DIE SET FROM THE ALCAN SYSTEM DIE ACROSS FLATS (A/F) ALUMINIUM 28.2mm, (DA8) TO BE USED ON CHICADEE * FOR COPPER SIDE USE 4 POINT SHALLOW INDENT CRIMPING TOOL * ESKOM DRAWING No. D-DT-3098 *									
SAP MATERIAL No.:		0214096							
SHORT DESCRIPTION:		JOINT, NON-TEN CHIC AL-0.05 CU I/C D3098							
TECH. DESCRIPTION:									
NON-TENSION JOINT * COMPRESSION INDENT CRIMP * BI-METAL : ALUMINIUM-COPPER * TUBULAR * FOR CHICADEE 18.87mm ALUMINIUM CONDUCTOR * CONDUCTOR COLOUR CODE RED * MAXIMUM ALUMINIUM TUBE DIAMETER 18.87mm TO 32.36mm SQ. (0.05 SQ. IN.), 8.05mm DIA. COPPER CONDUCTOR * COLOUR CODE BLUE * BARREL EQUIPPED WITH CENTRE PLUG, FILLED WITH JOINTING COMPOUND AND CAPPED * INDIVIDUALLY PACKED IN SEALED PLASTIC BAG * FOR USE WITH HYDRAULIC TOOL AND HEX. DIE SET FROM THE ALCAN SYSTEM DIE ACROSS FLATS (A/F) ALUMINIUM 28.2mm, (DA8) TO BE USED ON CHICADEE * FOR COPPER SIDE USE 4 POINT SHALLOW INDENT CRIMPING TOOL * ESKOM DRAWING No. D-DT-3098 *									
12	KINGBIRD JOINT REMOVED AND ESKOM SPEC.CHANGED			P.A.T	C.vd MERWE	M. RAPAPA	03.12.2009		
11	KINGBIRD JOINT ADDED			P.A.T	B. HILL	B. HILL	09.09.2009		
10	JOINT, NON-TEN B/M 9-15AL 16.4CU I/C ADDED AND SPECS CHANGED			P.A.V.	L. CHRISTIAANS		14.12.2007		
REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	P. CROWDY	DATE:	17.07.1995	SCALE NTS			SAP No:		
CHKD:	J. SWAN	DATE:	17.07.1995	CAD REF:			0214095		
				SERIES 3000			0214096		
DRAWN:	P.A. VERMAAK	DATE:	23.05.1995	FILE No: 3098	D-DT-3098		SET	SHEET	REV
							8	5	12

SPEC SHEET

SAP MATERIAL No.:		0214098							
SHORT DESCRIPTION:		JOINT,NON-TEN CHIC AL-0.1 CU I/C D3098							
TECH. DESCRIPTION:									
NON-TENSION JOINT * COMPRESSION INDENT CRIMP * BI-METAL : ALUMINIUM-COPPER * TUBULAR * FOR CHICADEE 18.87mm ALUMINIUM CONDUCTOR * CONDUCTOR COLOUR CODE RED * MAXIMUM ALUMINIUM TUBE DIAMETER 18.87mm TO 65.44mm SQ. (0.1 SQ. IN.), 10.4mm DIA. COPPER CONDUCTOR * COLOUR CODE ORANGE * BARREL EQUIPPED WITH CENTRE PLUG, FILLED WITH JOINTING COMPOUND AND CAPPED * INDIVIDUALLY PACKED IN SEALED PLASTIC BAG * FOR USE WITH HYDRAULIC TOOL AND HEX. DIE SET FROM THE ALCAN SYSTEM DIE ACROSS FLATS (A/F) ALUMINIUM 28.2mm, (DA8) TO BE USED ON CHICADEE * FOR COPPER SIDE USE 4 POINT SHALLOW INDENT CRIMPING TOOL * ESKOM DRAWING No. D-DT-3098 *									
SAP MATERIAL No.:		0179943							
SHORT DESCRIPTION:		JOINT,NON-TEN AL 6.3-9.0 D I/C D3098							
TECH. DESCRIPTION:									
NON-TENSION JOINT * COMPRESSION INDENT CRIMP * ALUMINIUM * TUBULAR * FOR ACACIA 6.24mm / SQUIRREL 6.33mm, MAGPIE 6.35mm AND 35 8.31mm / FOX 8.37mm ALUMINIUM CONDUCTOR * CONDUCTOR COLOUR CODE ORANGE, GREEN AND BLUE * MAXIMUM TUBE INSIDE DIAMETER 9.0mm * BARREL EQUIPPED WITH CENTRE PLUG, FILLED WITH JOINTING COMPOUND AND CAPPED * INDIVIDUALLY PACKED IN SEALED PLASTIC BAG * FOR USE WITH HYDRAULIC 4-POINT SHALLOW INDENTATION CRIMPING TOOL * ESKOM DRAWING No. D-DT-3098 *									
12	KINGBIRD JOINT REMOVED AND ESKOM SPEC.CHANGED			P.A.T	C.vd MERWE	M. RAPAPA	03.12.2009		
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REV	REVISION DESCRIPTION			BY	CHKD	AUTH	DATE	REF. DWGS	
AUTH:	P. CROWDY	DATE:	17.07.1995	SCALE NTS			SAP No:		
CHKD:	J. SWAN	DATE:	17.07.1995	CAD REF:			0214098		
				SERIES 3000			0179943		
DRAWN:	P.A. VERMAAK	DATE:	23.05.1995	FILE No: 3098	D-DT-3098		SET	SHEET	REV
							8	6	12

SPEC SHEET

SAP MATERIAL No.:		0179944							
SHORT DESCRIPTION:		JOINT,NON-TEN AL 9.0-15.0 D I/C D3098							
TECH. DESCRIPTION:									
NON-TENSION JOINT * COMPRESSION INDENT CRIMP * ALUMINIUM * TUBULAR * FOR PINE 10.83mm / MINK 10.98mm AND OAK 13.95mm / HARE 14.16mm ALUMINIUM CONDUCTOR * COLOUR CODE RED AND BROWN * MAXIMUM TUBE INSIDE DIAMETER 15.0mm * BARREL EQUIPPED WITH CENTRE PLUG, FILLED WITH JOINTING COMPOUND AND CAPPED * INDIVIDUALLY PACKED IN SEALED PLASTIC BAG * FOR USE WITH HYDRAULIC 4-POINT SHALLOW INDENTATION CRIMPING TOOL * ESKOM DRAWING No. D-DT-3098 *									
SAP MATERIAL No.:		0214099							
SHORT DESCRIPTION:		JOINT,NON-TEN 6-9AL TO 9-15AL D I/C D3098							
TECH. DESCRIPTION:									
NON-TENSION JOINT * COMPRESSION INDENT CRIMP * ALUMINIUM TO ALUMINIUM * TUBULAR * FOR ACACIA 6.24mm / SQUIRREL 6.33mm, MAGPIE 6.35mm AND 35 8.31mm / FOX 8.37mm ALUMINIUM CONDUCTOR * CONDUCTOR COLOUR CODE ORANGE, GREEN AND BLUE * MAXIMUM TUBE INSIDE DIAMETER 9.0mm AND FOR PINE 10.83mm / MINK 10.98mm AND OAK 13.95mm / HARE 14.16mm ALUMINIUM CONDUCTOR * COLOUR CODE RED AND BROWN * MAXIMUM TUBE INSIDE DIAMETER 15.0mm * BARREL EQUIPPED WITH CENTRE PLUG FILLED WITH JOINTING COMPOUND AND CAPPED * INDIVIDUALLY PACKED IN SEALED PLASTIC BAG * FOR USE WITH HYDRAULIC 4-POINT SHALLOW INDENTATION CRIMPING TOOL * ESKOM DRAWING No. D-DT-3098 *									
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AUTH:	P. CROWDY	DATE:	17.07.1995	SCALE NTS	 D-DT-3098		SAP No:		
CHKD:	J. SWAN	DATE:	17.07.1995	CAD REF:			0179944		
				SERIES 3000			0214099		
DRAWN:	P.A. VERMAAK	DATE:	23.05.1995	FILE No: 3098			SET	SHEET	REV
							8	7	12

SPEC SHEET

SAP MATERIAL No.:		0165888					
SHORT DESCRIPTION:		JOINT, NON-TEN AL HORNET I/C D3098					
TECH. DESCRIPTION:							
NON-TENSION JOINT * COMPRESSION INDENT CRIMP * ALUMINIUM * TUBULAR * FOR HORNET 16.3mm ALUMINIUM CONDUCTOR * CONDUCTOR COLOUR CODE ORANGE/GREEN * ACCOMODATES CONDUCTOR RANGE 13.2 - 19.3mm DIA. * BARREL EQUIPPED WITH CENTRE PLUG, FILLED WITH JOINTING COMPOUND AND CAPPED * INDIVIDUALLY PACKED IN SEALED PLASTIC BAG * FOR USE WITH HYDRAULIC 4-POINT SHALLOW INDENTATION CRIMPING TOOL * ESKOM DRAWING No. D-DT-3098 *							
SAP MATERIAL No.:		0214100					
SHORT DESCRIPTION:		JOINT, NON-TEN CHIC AL-OAK/HAR AL I/CD3098					
TECH. DESCRIPTION:							
NON-TENSION JOINT * COMPRESSION INDENT CRIMP * ALUMINIUM TO ALUMINIUM * TUBULAR * FOR CHICADEE 18.87mm ALUMINIUM CONDUCTOR * CONDUCTOR COLOUR CODE RED * MAXIMUM TUBE INSIDE DIAMETER 18.87mm AND FOR OAK 13.95mm / HARE 14.16mm ALUMINIUM CONDUCTOR * COLOUR CODE RED AND BROWN * MAXIMUM TUBE INSIDE DIAMETER 15.0mm * BARREL EQUIPPED WITH CENTRE PLUG FILLED WITH JOINTING COMPOUND AND CAPPED * INDIVIDUALLY PACKED IN SEALED PLASTIC BAG * FOR USE WITH HYDRAULIC TOOL AND HEX. DIE SET FROM THE ALCAN SYSTEM DIE ACROSS FLATS (A/F) ALUMINIUM 28.2mm, (DA8) TO BE USED ON CHICADEE * FOR HARE/OAK SIDE USE 4 POINT SHALLOW INDENT CRIMPING TOOL * ESKOM DRAWING No. D-DT-3098 *							

12	KINGBIRD JOINT REMOVED AND ESKOM SPEC.CHANGED			P.A.T	C.vd MERWE	M. RAPAPA	03.12.2009		
11	KINGBIRD JOINT ADDED			P.A.T	B. HILL	B. HILL	09.09.2009		
10	JOINT, NON-TEN B/M 9-15AL 16.4CU I/C ADDED AND SPECS CHANGED			P.A.V.	L. CHRISTIAANS		14.12.2007		
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AUTH:	P. CROWDY	DATE:	17.07.1995	SCALE NTS			SAP No:		
CHKD:	J. SWAN	DATE:	17.07.1995	CAD REF:			0165888		
				SERIES 3000			0214100		
DRAWN:	P.A. VERMAAK	DATE:	23.05.1995	FILE No: 3098	D-DT-3098		SET	SHEET	REV
							8	8	12