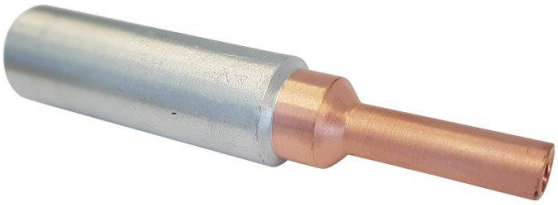
UNIVERSAL TOOLS & TERMINATIONS

BI-METAL REDUCING LINKS

SPECIFICATION SHEET:
#UTBRL.01

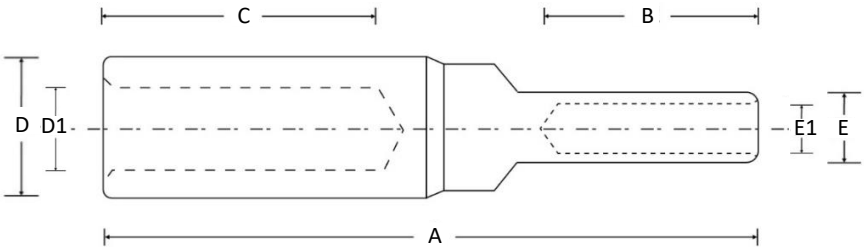


SPECIFICATIONS:

Materials
Copper/Aluminum EC Grade
Industrial
Oxygen Free High Conductivity
Copper/Aluminium EC Grade

Content	Purity
Aluminum	99.6%
Copper	99.95%

Oxygen Presence
0.001% = 10ppm (parts per million)
Temperature Range
-55° - 155°C
Final Metal State
Fully annealed
Standards and Compliance
AS/NZ 4325:1; EN 60998-1:2004
Heat Cycling test to AS/NZS 4325.1 and IEC 61238-1-1
Mechanical pulling test to AS/NZS 4325.1 and IEC 61238-1-1



Part Number	Nominal Cable size AL	CU	Dimensions AL (mm)				Dimensions Cu (mm)			A/F Hex Die (mm) AL	A/F Hex Die (mm) CU
			A	C	D	D1	B	E	E1		
UTBRL50-16	50mm²	16mm²	95	43	16	9.5	33	8.0	5.5	13.2	6.3
UTBRL50-25	50mm²	25mm²	95	43	16	9.5	33	9.5	7.1	13.2	7.7
UTBRL50-35	50mm²	35mm²	95	43	16	9.5	33	11.5	8.2	13.2	9.2
UTBRL70-16	70mm²	16mm²	110	50	16	11.5	33	8.0	5.5	13.2	6.3
UTBRL70-25	70mm²	25mm²	110	50	16	11.5	33	9.5	7.1	13.2	7.7
UTBRL70-35	70mm²	35mm²	110	50	16	11.5	33	11.5	8.2	13.2	9.2
UTBRL70-50	70mm²	50mm²	110	50	16	11.5	35	12.8	9.5	13.2	10.4
UTBRL95-16	95mm²	16mm²	110	50	21.5	13.5	30	8.0	5.5	17.3	6.3

Part Number	Nominal Cable size AL	CU	Dimensions AL (mm)				Dimensions Cu (mm)			A/F Hex Die (mm) AL	A/F Hex Die (mm) CU
			A	C	D	D1	B	E	E1		
UTBRL95-25	95mm²	25mm²	110	50	21.5	13.5	30	9.5	7.1	17.3	7.7
UTBRL95-35	95mm²	35mm²	110	50	21.5	13.5	35	9.5	8.2	17.3	9.2
UTBRL95-50	95mm²	50mm²	110	50	21.5	13.5	35	12.0	9.5	17.3	10.4
UTBRL95-70	95mm²	70mm²	110	50	21.5	13.5	35	14.7	11.2	17.3	11.5
UTBRL120-16	120mm²	16mm²	110	50	21.5	15.5	30	8.0	5.5	17.3	6.3
UTBRL120-25	120mm²	25mm²	110	50	21.5	15.5	30	9.5	7.1	17.3	7.7
UTBRL120-35	120mm²	35mm²	110	50	21.5	15.5	35	11.5	8.2	17.3	9.2
UTBRL120-50	120mm²	50mm²	110	50	21.5	15.5	35	12.8	9.5	17.3	10.4
UTBRL120-70	120mm²	70mm²	110	50	21.5	15.5	35	14.7	11.2	17.3	11.5
UTBRL120-95	120mm²	95mm²	110	50	21.5	15.5	37	17.4	13.4	17.3	14.2
UTBRL150-16	150mm²	16mm²	120	60	27	16.5	33	8.0	5.5	22.0	6.3
UTBRL150-25	150mm²	25mm²	120	60	27	16.5	33	9.5	7.1	22.0	7.7
UTBRL150-35	150mm²	35mm²	120	60	27	16.5	35	11.5	8.2	22.0	9.2
UTBRL150-50	150mm²	50mm²	120	60	27	16.5	35	12.8	9.5	22.0	10.4
UTBRL150-70	150mm²	70mm²	120	60	27	16.5	35	14.7	11.2	22.0	11.5
UTBRL150-95	150mm²	95mm²	120	60	27	16.5	35	17.4	13.4	22.0	14.2
UTBRL150-120	150mm²	120mm²	120	60	27	16.5	35	20.0	15.6	22.0	16.5
UTBRL185-70	185mm²	70mm²	120	60	27	18.5	35	12.8	11.2	22.0	11.5
UTBRL185-95	185mm²	95mm²	120	60	27	18.5	35	17.4	13.4	22.0	14.2
UTBRL185-120	185mm²	120mm²	120	60	27	18.5	40	20.0	15.6	22.0	16.5
UTBRL185-150	185mm²	150mm²	120	60	27	18.5	40	22.5	16.7	22.0	18.3
UTBRL240-95	240mm²	95mm²	130	60	35	22	35	17.4	13.4	28.4	14.2
UTBRL240-120	240mm²	120mm²	130	60	35	22	40	20.0	15.6	28.4	16.5
UTBRL240-150	240mm²	150mm²	130	60	35	22	40	22.5	16.7	28.4	18.3
UTBRL240-185	240mm²	185mm²	130	60	35	22	40	24.2	18.4	28.4	20.0
UTBRL300-120	300mm²	120mm²	130	60	35	23.5	40	20.0	15.6	28.4	16.5
UTBRL300-150	300mm²	150mm²	130	60	35	23.5	40	22.5	16.7	28.4	18.3
UTBRL300-185	300mm²	185mm²	130	60	35	23.5	40	24.2	18.4	28.4	20.0
UTBRL300-240	300mm²	240mm²	130	60	35	23.5	40	27.8	21.2	28.4	23.1