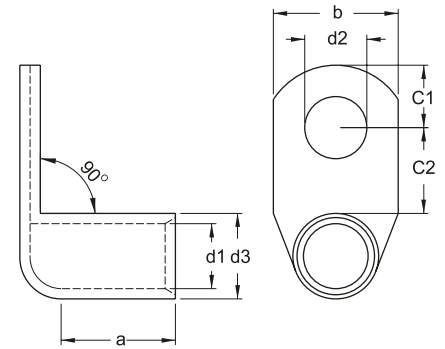


NON-INSULATED COPPER TUBULAR LUGS (TLK-90D SERIES)



MAXIMUM ELECTRIC CURRENT:

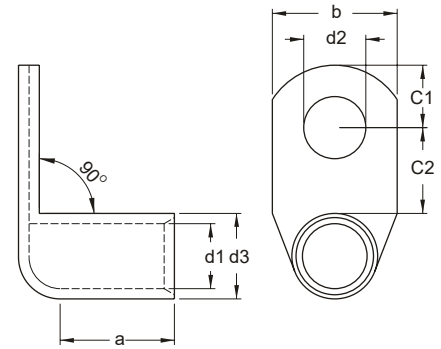
A.W.G.	14	12	10	8	6	4	2
AMP.	30	35	50	70	95	125	170

TERMINAL MATERIAL: COPPER TUBULAR

WIRE RANGE A.W.G. mm ²	ITEM NO.	DIMENSION mm							CRIMPING TOOL	Q'TY BOX
		a	b	C1	C2	d1	d2	d3		
12-14 A.W.G. 2.5 mm ²	TLK2.5-4-90D	7.0	8.5	5.8	7.0	2.4	4.3	4.4	NOVOPRESS MODEL HPM400	500
12-10 A.W.G. 6 mm ²	TLK6-4-90D	9.0	10.0	7.5	9.0	3.5	4.3	6.5	NOVOPRESS MODEL HPM400	500
	TLK6-5-90D						5.5			500
	TLK6-6-90D		12.0	10.0	6.4		500			
	TLK6-8-90D		14.0	10.0	8.4		500			
	TLK6-10-90D *		17.0	12.0	10.5		500			
	TLK6-12-90D *		19.0	13.0	17.0		13.0			500
8 A.W.G. 10 mm ²	TLK10-5-90D	10.0	12.0	6.5	10.0	4.5	5.5	7.0	NOVOPRESS MODEL HPM400	500
	TLK10-6-90D						6.4			500
	TLK10-8-90D		15.0	10.0	8.4		500			
	TLK10-10-90D *		17.0	12.0	10.5		500			
	TLK10-12-90D *		19.0	13.0	18.0		13.0			500
6 A.W.G. 16 mm ²	TLK16-5-90D	13.0	12.0	7.5	10.0	5.5	5.5	8.5	NOVOPRESS MODEL HPM400	250
	TLK16-6-90D				11.0		6.4			250
	TLK16-8-90D		15.0	10.0	8.4		250			
	TLK16-10-90D *		17.0	12.0	10.5		250			
	TLK16-12-90D *		19.0	13.0	18.0		13.0			250
4 A.W.G. 25 mm ²	TLK25-5-90D	15.0	14.0	7.5	11.0	7.0	5.5	10.0	NOVOPRESS MODEL HPM400	200
	TLK25-6-90D				6.4		200			
	TLK25-8-90D		16.0	10.0	8.4		200			
	TLK25-10-90D		18.0	12.0	10.5		200			
	TLK25-12-90D		19.0	13.0	18.0		13.0			200
	TLK25-14-90D *		21.0	14.5	20.0		15.0			200
2 A.W.G. 35 mm ²	TLK35-6-90D	17.0	17.0	7.5	11.0	8.5	6.4	12.0	NOVOPRESS MODEL HPM400	200
	TLK35-8-90D			10.0	13.0		8.4			200

* DEVELOPING ON DEMAND

**NON-INSULATED
COPPER TUBULAR LUGS
(TLK-90D SERIES)**



MAXIMUM ELECTRIC CURRENT:

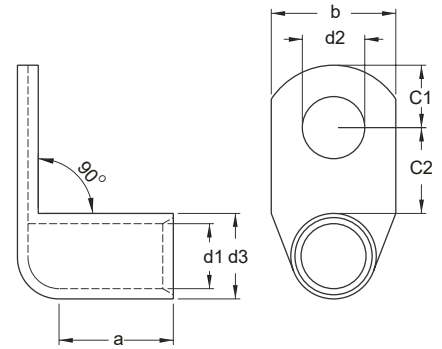
A.W.G.	2	1/0	2/0	3/0
AMP.	170	230	265	310

TERMINAL MATERIAL: COPPER TUBULAR

WIRE RANGE A.W.G. mm ²	ITEM NO.	DIMENSION mm							CRIMPING TOOL	Q'TY BOX	
		a	b	C1	C2	d1	d2	d3			
2 A.W.G. 35 mm ²	TLK35-10-90D	17.0	19.0	12.0	15.0	8.5	10.5	12.0	NOVOPRESS MODEL HPM400	200	
	TLK35-12-90D *		21.0	13.0	18.0		13.0			200	
	TLK35-14-90D *			14.5	20.0		15.0			200	
	TLK35-16-90D *		26.0	16.0	22.0		17.0			200	
1/0 A.W.G. 50 mm ²	TLK50-6-90D	19.0	20.0	10.0	13.0	10.0	6.4	14.0	NOVOPRESS MODEL HPM400	100	
	TLK50-8-90D			12.0	16.0		10.5			8.4	100
	TLK50-10-90D				13.0		18.0			13.0	100
	TLK50-12-90D *		23.0	14.5	20.0		15.0			100	
	TLK50-14-90D *			28.0	16.0		22.0			17.0	100
	TLK50-16-90D *		30.0	19.0	24.0		21.0			100	
	TLK50-20-90D *										
2/0 A.W.G. 70 mm ²	TLK70-6-90D	21.0	23.0	10.0	13.0	12.0	6.4	16.5	NOVOPRESS MODEL HPM400	50	
	TLK70-8-90D			12.0	16.0		10.5			8.4	50
	TLK70-10-90D				13.0		18.0			13.0	50
	TLK70-12-90D		28.0	14.5	20.0		15.0			50	
	TLK70-14-90D *			30.0	16.0		22.0			17.0	50
	TLK70-16-90D *		30.0	19.0	24.0		21.0			50	
	TLK70-20-90D *										
3/0 A.W.G. 95 mm ²	TLK95-8-90D	25.0	26.0	12.0	14.0	13.5	8.4	18.0	NOVOPRESS MODEL HPM400	50	
	TLK95-10-90D			13.0	17.0		10.5			50	
	TLK95-12-90D				14.5		20.0			13.0	50
	TLK95-14-90D *		28.0	16.0	22.0		15.0			50	
	TLK95-16-90D *			36.0	22.0		24.0			17.0	50
	TLK95-20-90D *						21.0			50	

* : DEVELOPING ON DEMAND

**NON-INSULATED
COPPER TUBULAR LUGS
(TLK-90D SERIES)**



MAXIMUM ELECTRIC CURRENT:

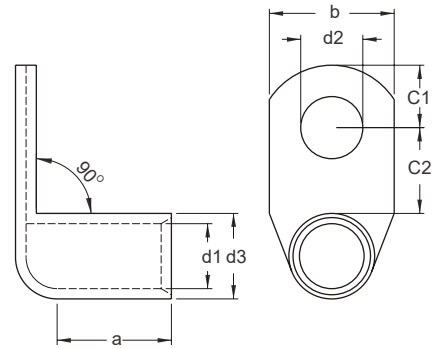
A.W.G.	4/0	250	300	350	400
AMP.	360	405	445	505	545

TERMINAL MATERIAL: COPPER TUBULAR

WIRE RANGE A.W.G. mm ²	ITEM NO.	DIMENSION mm							CRIMPING TOOL	Q'TY BOX	
		a	b	C1	C2	d1	d2	d3			
4/0 A.W.G. 120 mm ²	TLK120-6-90D	26.0	28.0	14.0	17.0	15.0	6.4	19.0	NOVOPRESS MODEL HPM400	25	
	TLK120-8-90D				16.0		8.4			25	
	TLK120-10-90D				17.0		10.5			25	
	TLK120-12-90D				18.0		13.0			25	
	TLK120-14-90D			15.0	20.0		15.0			25	
	TLK120-16-90D			30.0	16.0		22.0			17.0	25
	TLK120-20-90D			36.0	22.0		24.0			21.0	25
250/300 MCM 150 mm ²	TLK150-8-90D	30.0	31.0	14.0	16.0	16.5	8.4	21.0	NOVOPRESS MODEL HPM400	25	
	TLK150-10-90D				17.0		10.5			25	
	TLK150-12-90D			15.0	18.0		13.0			25	
	TLK150-14-90D			20.0	15.0		25				
	TLK150-16-90D			16.0	22.0		17.0			25	
	TLK150-20-90D			36.0	22.0		24.0			21.0	25
300/350 MCM 185 mm ²	TLK185-10-90D	30.0	35.0	18.0	22.0	19.0	10.5	24.0	NOVOPRESS MODEL HPM400	10	
	TLK185-12-90D						13.0			10	
	TLK185-14-90D						15.0			10	
	TLK185-16-90D						17.0			10	
	TLK185-20-90D						21.0			10	
400 MCM 240 mm ²	TLK240-10-90D	35.0	39.0	21.5	22.0	21.0	10.5	26.0	NOVOPRESS MODEL HPM400	10	
	TLK240-12-90D						13.0			10	
	TLK240-14-90D						15.0			10	
	TLK240-16-90D						17.0			10	
	TLK240-20-90D						24.0			21.0	10

ALL LISTED
 © : NOT UL AND C-UL LISTED
 ※ : DEVELOPING ON DEMAND

**NON-INSULATED
COPPER TUBULAR LUGS
(TLK-90D SERIES)**



MAXIMUM ELECTRIC CURRENT:

A.W.G.	500	600	700	750
AMP.	620	690	755	785

TERMINAL MATERIAL: COPPER TUBULAR

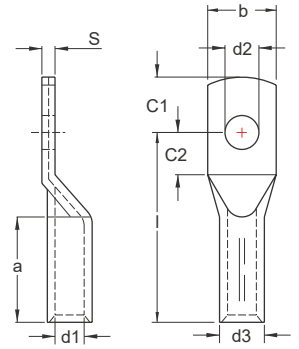
WIRE RANGE A.W.G. mm ²	ITEM NO.	DIMENSION mm							CRIMPING TOOL	Q'TY BOX
		a	b	C1	C2	d1	d2	d3		
500 MCM 300 mm ²	TLK300-12-90D *	44.0	43.0	24.0	24.0	23.5	13.0	29.5	NOVOPRESS MODEL HPM400	5
	TLK300-14-90D *						15.0			5
	TLK300-16-90D *						17.0			5
	TLK300-20-90D *						21.0			5
600 / 750 MCM 400 mm ²	TLK400-12-90D *	44.0	49.0	24.0	24.0	27.0	13.0	34.0	NOVOPRESS MODEL HPM400	5
	TLK400-14-90D *						15.0			5
	TLK400-16-90D *						17.0			5
	TLK400-20-90D *						21.0			5

* : DEVELOPING ON DEMAND



DIN 46235

**NON-INSULATED
COPPER TUBULAR LUGS
(TLD SERIES)**



MAXIMUM ELECTRIC CURRENT:

A.W.G.	12	10	8	6	4	2	1/0
AMP.	35	50	70	95	125	170	230

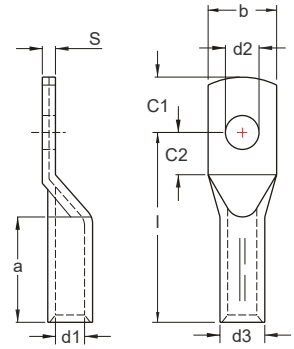
TERMINAL MATERIAL: COPPER TUBULAR

WIRE RANGE A.W.G. mm ²	ITEM NO.	DIMENSION mm									CRIMPING TOOL	Q'TY BOX	
		a	b	C1	C2	d1	d2	d3	l	S			
12-10 A.W.G. 6 mm ²	TLD5-6	10.0	8.5	9.0	6.0	3.8	5.3	5.5	24.0	1.5	IZUMI MODEL 5N18 OR K.S. MODEL LY-2045D WITH DIE INDEX NO:5.5	1000	
	TLD6-6			10.5	8.0		6.4					1000	
	TLD8-6			13.0	10.0		10.0					8.4	1000
8 A.W.G. 10 mm ²	TLD5-10	10.0	9.0	9.0	6.0	4.5	5.3	6.0	27.0	1.5	IZUMI MODEL 5N18 OR K.S. MODEL LY-2045D WITH DIE INDEX NO:5.5	500	
	TLD6-10			10.5	8.0		6.4					500	
	TLD8-10			11.5	10.0		10.0					8.4	500
6 A.W.G. 16 mm ²	TLD6-16	20.0	13.0	10.5	8.0	5.5	6.4	8.5	36.0	2.5	NOVOPRESS MODEL HPM400	250	
	TLD8-16			13.0	10.0		8.4					250	
	TLD10-16			17.0	15.0		12.0					10.5	250
	TLD12-16			19.0	13.5		14.0					13.0	250
4 A.W.G. 25 mm ²	TLD6-25	20.0	14.0	10.5	8.0	7.0	6.4	10.0	38.0	3.0	NOVOPRESS MODEL HPM400	200	
	TLD8-25			16.0	13.0		10.0					8.4	200
	TLD10-25			17.0	15.0		12.0					10.5	200
	TLD12-25			19.0	16.0		13.0					13.0	200
2 A.W.G. 35 mm ²	TLD6-35	20.0	17.0	7.5	8.0	8.2	6.4	12.5	42.0	3.5	NOVOPRESS MODEL HPM400	200	
	TLD8-35			13.0	10.0		8.4					200	
	TLD10-35		19.0	15.0	12.0		10.5					200	
	TLD12-35		21.0	16.0	13.0		13.0					200	
	TLD14-35			14.5	14.5		15.0					200	
1/0 A.W.G. 50 mm ²	TLD8-50	28.0	20.0	13.0	10.0	10.0	8.4	14.5	52.0	4.0	NOVOPRESS MODEL HPM400	100	
	TLD10-50		22.0	15.0	12.0		10.5					100	
	TLD12-50		24.0	16.0	13.0		13.0					100	
	TLD14-50			14.5	14.5		15.0					100	
	TLD16-50		28.0	19.0	16.0		17.0					100	

※ : DEVELOPING ON DEMAND

DIN 46235

**NON-INSULATED
COPPER TUBULAR LUGS
(TLD SERIES)**



MAXIMUM ELECTRIC CURRENT:

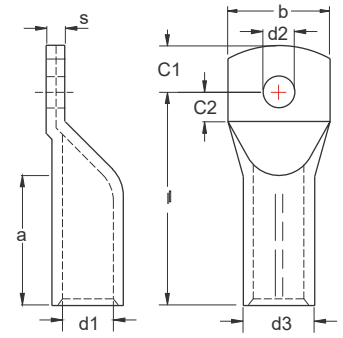
A.W.G.	2/0	3/0	4/0	250	300	350
AMP.	265	310	360	405	445	505

TERMINAL MATERIAL: COPPER TUBULAR

WIRE RANGE A.W.G. mm ²	ITEM NO.	DIMENSION mm									CRIMPING TOOL	Q'TY BOX
		a	b	C1	C2	d1	d2	d3	l	S		
2/0 A.W.G. 70 mm ²	TLD8-70	28.0	24.0	13.0	10.0	11.5	8.4	16.5	55.0	4.5	NO OPRESS MODEL HPM400	100
	TLD10-70			15.0	12.0		10.5					100
	TLD12-70			16.0	13.0		13.0					100
	TLD14-70			14.5	14.5		15.0					100
	TLD16-70		30.0	19.0	16.0		17.0					100
3/0 A.W.G. 95 mm ²	TLD8-95	35.0	28.0	12.0	12.0	13.5	8.4	19.0	65.0	5.0	NO OPRESS MODEL HPM400	50
	TLD10-95			15.0	12.0		10.5					50
	TLD12-95			16.0	13.0		13.0					50
	TLD14-95			14.5	14.5		15.0					50
	TLD16-95		32.0	19.0	16.0		17.0					50
4/0 A.W.G. 120 mm ²	TLD10-120	35.0	32.0	15.0	12.0	15.5	10.5	21.0	70.0	5.5	NO OPRESS MODEL HPM400	25
	TLD12-120			16.0	13.0		13.0					25
	TLD14-120			17.5	19.0		15.0					25
	TLD16-120			19.0	16.0		17.0					25
	TLD20-120		38.0	22.0	20.0		21.0					25
250/300 MCM 150 mm ²	TLD10-150	35.0	34.0	15.0	12.0	17.0	10.5	23.5	78.0	6.0	NO OPRESS MODEL HPM400	25
	TLD12-150			16.0	13.0		13.0					25
	TLD14-150			18.5	20.0		15.0					25
	TLD16-150			19.0	16.0		17.0					25
	TLD20-150		40.0	22.0	20.0		21.0					25
300/350 MCM 185 mm ²	TLD10-185	40.0	37.0	15.0	12.0	19.0	10.5	25.5	82.0	6.0	NO OPRESS MODEL HPM400	10
	TLD12-185			16.0	13.0		13.0					10
	TLD14-185			18.5	20.0		15.0					10
	TLD16-185			19.0	16.0		17.0					10
	TLD20-185		40.0	22.0	20.0		21.0					10

DIN 46235

**NON-INSULATED
COPPER TUBULAR LUGS
(TLD SERIES)**



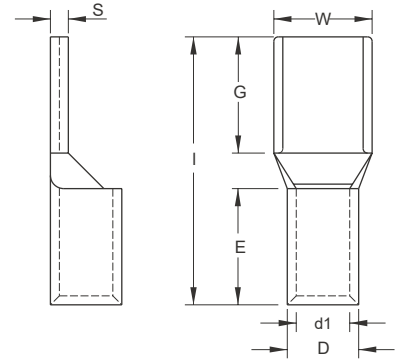
MAXIMUM ELECTRIC CURRENT:

A.W.G.	400	500	600	700	750	800	900	1000	1250	1500	1750	2000
AMP.	545	620	690	755	785	815	870	935	1065	1175	1280	1385

TERMINAL MATERIAL: COPPER TUBULAR

WIRE RANGE A.W.G. mm ²	ITEM NO.	DIMENSION mm									CRIMPING TOOL	Q'TY BOX
		a	b	C1	C2	d1	d2	d3	l	s		
400 MCM 240 mm ²	TLD12-240	40.0	42.0	16.0	13.0	21.5	13.0	29.0	92.0	6.5	NOVOPRESS MODEL HPM400	10
	TLD14-240			18.5	20.0		15.0					10
	TLD16-240			19.0	16.0		17.0					10
	TLD20-240			22.0	20.0		21.0					10
500 MCM 300 mm ²	TLD12-300	50.0	48.0	18.5	22.0	24.5	13.0	32.0	100.0	7.0	NOVOPRESS MODEL HPM400	5
	TLD14-300			18.5	22.0		15.0					5
	TLD16-300			19.0	16.0		17.0					5
	TLD20-300			22.0	20.0		21.0					5
600/750 MCM 400 mm ²	TLD14-400	70.0	55.0	23.0	27.0	27.5	15.0	38.5	115.0	10.0	NOVOPRESS MODEL HPM400	5
	TLD16-400			16.0	17.0		5					
	TLD20-400			25.0	20.0		21.0					5
800/1000 MCM 500 mm ²	TLD16-500	70.0	60.0	23.0	27.0	31.0	17.0	42.0	125.0	10.0		5
	TLD20-500			25.0	20.0		21.0					5
1000/1250 MCM 625 mm ²	TLD20-625	80.0	60.0	25.0	20.0	34.5	21.0	44.0	135.0	10.0		2
1500/1750 MCM 800 mm ²	TLD20-800	100.0	75.0	25.0	20.0	40.0	21.0	52.0	165.0	12.0		2
2000 MCM 1000 mm ²	TLD20-1000	100.0	85.0	25.0	20.0	44.0	21.0	58.0	165.0	14.0		2

**NON-INSULATED
COPPER TUBULAR LUGS
SPECIAL FORM WITHOUT HOLE**



MAXIMUM ELECTRIC CURRENT:

A.W.G.	1500	1750	2000
AMP.	1175	1280	1385

TERMINAL MATERIAL: COPPER TUBULAR

WIRE RANGE A.W.G. mm ²	ITEM NO.	DIMENSION mm							CRIMPING TOOL	Q'TY BOX
		W	G	E	D	d1	I	S		
1500/1750 MCM 800 mm ²	TL800	72.0	74.0	79.0	51.6	40.0	170.5	11.5		2
2000 MCM 1000 mm ²	TL1000	79.5	94.0	88.0	57.2	44.0	203.0	13.0		2