



ELECTRICAL TERMINALS AND CONNECTORS

เพิ่มความมั่นคงระบบไฟฟ้า ด้วยหางปลามาตรฐานสากล

MAKE THE PERFECT CONNECTION



Certificate ISO 9001:2015

COMPANY PROFILE

ประวัติบริษัท





TERMINAL LUGS CO., LTD. บริษัท เทอร์มินอล ลักส์ จำกัด

Terminal Lugs Co., Ltd. had been specialized in electrical terminals that company was established in 1989. It has been 34 years old for hardworking and practicing in the long experience to developing brand T.LUG and be leader in Thailand. Our electrical terminal offers the high quality as part of standard of a wire range industries and international requirement that is the reasonable price.

In our strong experience. T.LUG is ready to serving you in any field of electrical terminals to offering the good job in every year. Furthermore we would like to take this opportunity to set up a long-term business to serving you a perfect connection designed and featured



T.LUG®

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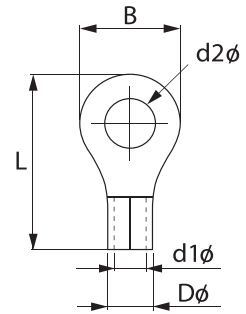


HIGH VOLTAGE OBTUSE ANGLE 135° ELECTRICAL TERMINALS LONG BARREL

หางปลาแรงสูงชนิดรูปตัวมุม 135°



RING TERMINAL
หางปลากลมเปลี่ยน
(R TYPE)
Material: Copper
Surface: Tin plated



Item No.	TIS	DIMENSIONS (MM.)					AWG	DIN mm ²	Q'TY in box
	Wire Size	d2Ø	B	L	DØ	d1Ø			
R 1.5-3	1.5	3.7	8.0	15.5	3.3	1.7	22-16	0.5-1.5	2,500
R 1.5-4		4.3							
R 1.5-5		5.3							
R 2.5-3	2.5	3.7	8.5	16.5	3.9	2.3	16-14	1.5-2.5	2,500
R 2.5-4		4.3							
R 2.5-5		5.3	9.5	17.0					2,000
R 2.5-6		6.4	12.0	22.4					
R 4-4	4	4.3	8.8	18.4	5.0	3.0	14-12	2.5-4	2,000
R 4-5		5.3							
R 4-6		6.4							
R 6-4	6	4.3	9.5	19.8	5.4	3.4	12-10	4-6	2,000
R 6-5		5.3							1,000
R 6-6		6.4	12.0	23.0					
R 6-8		8.4	15.0	27.5					
R 6-10		10.5							
R 10-6	10	6.4	12.0	23.8	6.9	4.5	8	10	1,000
R 10-8		8.4	15.0	30.0					800
R 10-10		10.5							
R 16-6	16	6.4	12.0	28.5	8.8	5.8	6	16	500
R 16-8		8.4	15.2	32.0					
R 16-10		10.5							
R 25-6	25	6.4	16.5	34.5	11.3	7.7	4	25	250
R 25-8		8.4							
R 25-10		10.5							
R 25-12		13.0	22.0	42.5					200
R 35-6	35	6.4	19.4	38.7	11.8	8.2	2	35	200
R 35-8		8.4							
R 35-10		10.5							
R 35-12		13.0							
R 50-8S	50	8.4	16.0	38.5	13.4	9.8	1/0	50	200
R 50-10S		10.5							
R 50-6		6.4	22.0	42.7					
R 50-8		8.4							
R 50-10		10.5							
R 50-12		13.0							
R 70-8	70	8.4	22.0	49.7	15.4	11.4	2/0	70	100
R 70-10		10.5							
R 70-12		13.0							
R 95-6	95	6.4	24.0	51.5	17.5	13.5	4/0	95	100
R 95-8		8.4							
R 95-10		10.5							
R 95-12		13.0							
R 120-8	120	8.4	27.0	54.4	19.4	15.0	250 MCM	120	50
R 120-10		10.5							
R 120-12		13.0							
R 120-14		15.0	32.0	68.5					
R 120-16		17.0							

Item No.	TIS	DIMENSIONS (MM.)					AWG	DIN mm ²	Q'TY in box
	Wire Size	d2Ø	B	L	DØ	d1Ø			
R 150-6	150	6.4	28.5	56.0	22.0	16.8	250-300 MCM	150	50
R 150-8		8.4							
R 150-10		10.5							
R 150-12		13.0							
R 185-12	185	13.0	36.0	67.5	26.8	20.3	300-500 MCM	185	25
R 185-14		15.0							
R 185-16		17.0							
R 185-18		19.0		81.0					
R 185-20		21.0							
R 240-12	240	13.0	38.5	70.3	29.0	22.0	350-500 MCM	240	25
R 240-14		15.0							
R 240-16		17.0							
R 240-18		19.0		86.7					
R 240-20		21.0							
R 300-12	300	13.0	43.2	72.0	33.0	25.0	600 MCM	300	20
R 300-14		15.0							
R 300-16		17.0							
R 300-18		19.0		91.0					15
R 300-20		21.0							
R 400-12	400	13.0	50.4	88.3	38.4	29.3	800 MCM	400	10
R 400-14		15.0							
R 400-16		17.0							
R 400-18		19.0		105.5					
R 400-20		21.0							

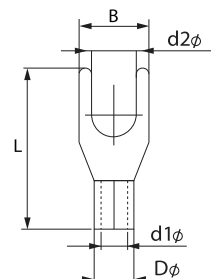
SPADE TERMINAL

หางปลาเอกปล้อย

(Y TYPE)

Material: ETP-Copper

Surface: Tin plated



Item No.	TIS Wire Size	DIMENSIONS (MM.)					AWG	DIN mm ²	Q'TY in box
		d2Ø	B	L	DØ	d1Ø			
Y 1.5-3S	1.5	3.3	5.7	16.0	3.3	1.7	22-16	0.5-1.5	2,500
Y 1.5-4S		4.3	6.4						
Y 1.5-5S		5.3	7.2						
Y 2.5-3S	2.5	3.3	5.7	16.0	3.9	2.3	16-14	1.5-2.5	2,500
Y 2.5-4S		4.3	6.4						
Y 2.5-5S		5.3	7.2						
Y 4-4	4	4.3	8.0	18.3	5.0	3.0	14-12	2.5-4	2,000
Y 4-5		5.3							
Y 6-4S	6	4.3	7.2	18.8	5.4	3.4	12-10	4-6	2,000
Y 6-5S		5.3	8.2						
Y 6-6		6.4	12.0	24.0					1,000



INSULATED RING TERMINAL

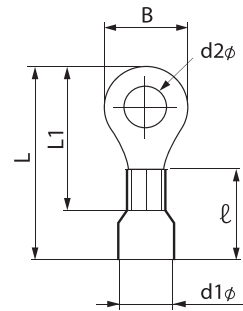
หางปลาแหวนหุ้มฉนวน

(RF TYPE)

Material: ETP-Copper

Surface: Tin plated

Insulation: PVC



Item No.	TIS Wire Size mm ²	DIMENSIONS (MM.)						Color	AWG	DIN mm ²	Q'TY in box
		d2Ø	B	L	L1	I	D1Ø				
RF 1.5-3	1.5	3.7	8.0	21.5	15.5	10.5	4.0	Red	22-16	0.5-1.5	2,000
RF 1.5-4		4.3									
RF 1.5-5		5.3									
RF 2.5-3	2.5	3.7	8.5	22.6	16.5	10.7	4.5	Blue	16-14	1.5-2.5	1,000
RF 2.5-4		4.3									
RF 2.5-5		5.3	9.5	23.3	17.0						
RF 2.5-6		6.4	12.0	28.5	22.4						
RF 4-4	4	4.3	8.8	25.2	18.4	13.5	6.0	Black	14-12	2.5-4	1,000
RF 4-5		5.3									
RF 4-6		6.4	12.0	29.6	22.3					500	
RF 6-4	6	4.3	9.5	26.4	19.8	13.5	6.5	Yellow	12-10	4-6	500
RF 6-5		5.3									
RF 6-6		6.4	12.0	29.5	23.0						
RF 6-8		8.4	15.0	34.4	27.5						
RF 6-10		10.5									

INSULATED SPADE TERMINAL

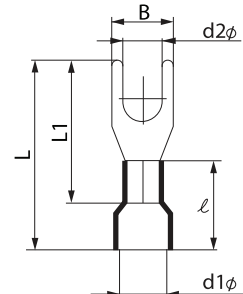
หางปลาแฉกหุ้มฉนวน

(YF TYPE)

Material: ETP-Copper

Surface: Tin plated

Insulation: PVC



Item No.	TIS Wire Size mm ²	DIMENSIONS (MM.)						Color	AWG	DIN mm ²	Q'TY in box
		d2Ø	B	L	L1	l	D1Ø				
YF 1.5-3S	1.5	3.3	5.7	22.0	16.0	10.5	4.0	Red	22-16	0.5-1.5	2,000
YF 1.5-4S		4.3	6.4								
YF 1.5-5S		5.3	7.2								
YF 2.5-3S	2.5	3.3	5.7	22.0	16.0	10.7	4.5	Blue	16-14	1.5-2.5	1,000
YF 2.5-4S		4.3	6.4								
YF 2.5-5S		5.3	7.2								
YF 4-4	4	4.3	8.0	25.5	18.3	13.5	6.0	Black	14-12	2.5-4	1,000
YF 4-5		5.3									
YF 6-4S	6	4.3	7.2	25.5	18.8	13.5	6.5	Yellow	12-10	4-6	500
YF 6-5S		5.3	8.2								
YF 6-6		6.4	12.0	30.5	24.0						



CABLE LUGS

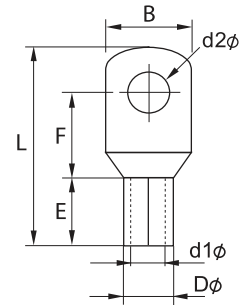
หางปลารุ่นหนาทรงยุโรป (แบบท่อ)

(CL TYPE)

Material: ETP-Copper tube

Cu 99% up

Surface: Tin plated



Item No.	TIS Wire Size mm ²	DIMENSIONS (MM.)							AWG	DIN mm ²	Q'TY in box	
		d2Ø	d1Ø	DØ	B	E	F	L				
CL 10-6	10	6.4	4.5	6.2	10.0	9.0	10.0	25.0	8.0	10	1,000	
CL 10-8		8.4			12.6							
CL 16-6	16	6.4	5.4	7.1	10.0	12.0	11.0	30.0	6.0	16	500	
CL 16-8		8.4			12.6							
CL 25-6	25	6.4	6.8	8.8	12.6	12.0	11.0	30.0	4.0	25	400	
CL 25-8		8.4			15.0			31.0				
CL 25-10		10.5										
CL 35-6	35	6.4	8.2	10.6	15.0	12.0	14.0	35.0	2.0	35	300	
CL 35-8		8.4										
CL 35-10		10.5			18.6							
CL 35-12		13.0										
CL 50-8	50	8.4	9.5	12.4	18.0	16.0	17.0	43.0	1/0	50	200	
CL 50-10		10.5			19.0							
CL 50-12		13.0										
CL 70-8	70	8.4	11.2	14.7	21.0	18.0	20.0	50.0	2/0	70	100	
CL 70-10		10.5										
CL 70-12		13.0										
CL 95-8	95	8.4	13.5	17.4	25.5	20.0	22.0	55.0	4/0	95	80	
CL 95-10		10.5										
CL 95-12		13.0										
CL 120-10	120	10.5	15.0	19.4	28.0	22.0	24.0	60.0	250 MCM	120	50	
CL 120-12		13.0										
CL 120-14		15.0										
CL 120-16		17.0										
CL 150-10	**,**	10.5	16.5	21.2	30.5	26.0	27.0	69.0	300 MCM	150	50	
CL 150-12	150	13.0										
CL 150-14		15.0										
CL 150-16		17.0										
CL 185-12	185	13.0	18.5	23.5	34.0	32.0	29.0	78.0	350 MCM	185	32	
CL 185-14		15.0										
CL 185-16		17.0										
CL 240-12	240	13.0	21.5	27.0	39.5	38.0	34.0	92.0	500 MCM	240	20	
CL 240-14		15.0										
CL 240-16		17.0										
CL 300-12	*	13.0	23.5	30.0	43.5	42.0	37.0	101.0	600 MCM	300	15	
CL 300-14		300										15.0
CL 300-16												17.0
CL 300-18												19.0
CL 400-14	*	15.0	27.0	35.0	50.8	44.0	44.0	114.0	800 MCM	400	7	
CL 400-16		400										17.0
CL 400-18												19.0
CL 400-20												21.0
CL 500-12	500	13.0	30.0	39.0	56.0	48.0	48.0	124.0	1000 MCM	500	5	
CL 500-16		500										17.0
CL 500-18												19.0
CL 500-20												21.0

หมายเหตุ (Remark): * สามารถนำไปใช้ในงานติดตั้งสายไฟชนิดเกลียวธรรมดาและชนิดเกลียวอัดแน่น (Use for stranded and compact)

** สามารถนำไปใช้กับสายไฟขนาด 185 มม² ชนิดเกลียวอัดแน่น (Use for compact 185mm²)

COPPER CRIMP SLEEVE

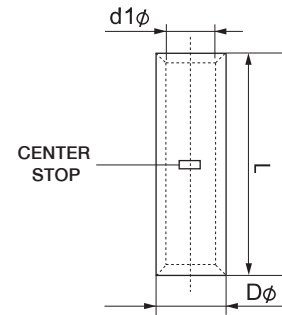
ข้อต่อสายแบบย้าเปลือก (ยาวพิเศษ)

(CSL TYPE)

Material: ETP-Copper tube

Cu 99% up

Surface: Tin plated



Item No.	TIS Wire Size mm ²	DIMENSIONS (MM.)			AWG	DIN mm ²	Q'TY in box
		d1Ø	DØ	L			
CSL 10	10	4.5	6.2	25	8	10	700
CSL 16	16	5.4	7.1	33	6	16	500
CSL 25	25	6.8	8.8	33	4	25	300
CSL 35	35	8.2	10.6	38	2	35	200
CSL 50	50	9.5	12.4	46	1/0	50	160
CSL 70	70	11.2	14.7	53	2/0	70	100
CSL 95	95	13.5	17.4	58	36617.0	95	60
CSL 120	120	15.0	19.4	63	250 MCM	120	50
CSL 150	*,** 150	16.5	21.2	72	300 MCM	150	35
CSL 185	185	18.5	23.5	82	350 MCM	185	25
CSL 240	240	21.5	27.0	96	500 MCM	240	20
CSL 300	300	23.5	30.0	105	600 MCM	300	12
CSL 400	400	27.0	35.0	105	800 MCM	400	8
CSL 500	500	30.0	39.0	105	1000 MCM	500	7

หมายเหตุ (Remark): * สามารถนำไปใช้ในงานติดตั้งสายไฟชนิดตีเกลียวธรรมดาและชนิดตีเกลียวอัดแน่น (Use for stranded and compact)

** สามารถนำไปใช้กับสายไฟขนาด 185 มม² ชนิดตีเกลียวอัดแน่น (Use for compact 185mm²)



MALE DISCONNECTS

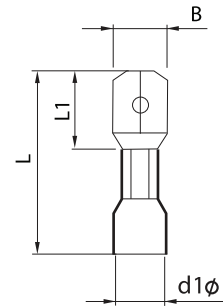
หางปลาทวีลเสียบตัวผู้ (แบบแบนหัวมนวน)

(V TYPE)

Material: Brass

Surface: Tin plated

Insulation: PVC



Item No.	TIS Wire Size mm ²	Color	DIMENSIONS (MM.)				AWG	DIN mm ²	Q'TY in box
			B	L	L1	d1φ			
V 1.5-7B	.250X.032" 6.35X0.8mm.	Red	6.3	20.7	11.0	3.4	22-16	0.5-1.5	1,000
V 2.5-7B		Blue	6.3	20.3	11.0	4.0	16-14	1.5-2.5	1,000
V 6-7B		Yellow	6.3	23.8	11.0	5.5	12-10	4-6	500

FEMALE DISCONNECTS

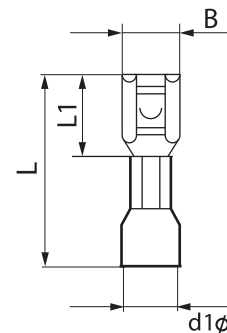
หางปลาทวีลเสียบตัวเมีย (แบบแบนหัวมนวน)

(V TYPE)

Material: Brass

Surface: Tin plated

Insulation: PVC



Item No.	TIS Wire Size mm ²	Color	DIMENSIONS (MM.)				AWG	DIN mm ²	Q'TY in box
			B	L	L1	d1φ			
V 1.5-7A	.250X.032" 6.35X0.8mm.	Red	6.8	20.5	11.0	3.5	22-16	0.5-1.5	1,000
V 2.5-7A		Blue	6.8	20.5	11.0	4.2	16-14	1.5-2.5	1,000
V 6-7A		Yellow	6.8	23.4	11.0	5.5	12-10	4-6	500

FULLY INSULATED FEMALE DISCONNECTOR

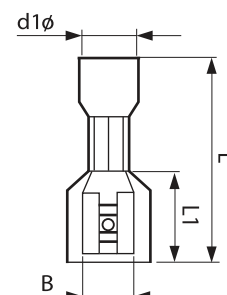
หางปลาทวีลเสียบตัวเมีย (แบบหัวมนวนเต็ม)

(PV TYPE)

Material: Brass

Surface: Tin plated

Insulation: PVC



Item No.	TIS Wire Size mm ²	Color	DIMENSIONS (MM.)				AWG	DIN mm ²	Q'TY in box
			B	L	L1	d1φ			
PV 1.5-7A	.250X.032" 6.35X0.8mm.	Red	6.7	22.0	12.2	3.7	22-16	0.5-1.5	1,000
PV 2.5-7A		Blue	6.7	22.2	12.2	4.4	16-14	1.5-2.5	1,000
PV 6-7A		Yellow	6.7	24.2	12.2	5.5	12-10	4-6	500

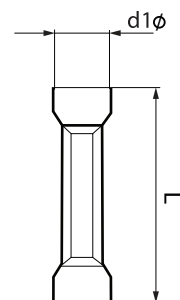
BUTT SPLICE

จ้อต่อสาย (แบบย้าหุ้มฉนวน)
(BF TYPE)

Material: Copper

Surface: Tin plated

Insulation: PVC



Item No.	TIS Wire Size mm ²	Color	DIMENSIONS (MM.)		AWG	DIN mm ²	Q'TY in box
			d1φ	L			
BF 1.5	1.5	Red	4.0	26.2	22-16	0.5-1.5	1,000
BF 2.5	2.5	Blue	4.5	26.5	16-14	1.5-2.5	1,000
BF 6	6.0	Yellow	6.0	26.5	12-10	4-6	500

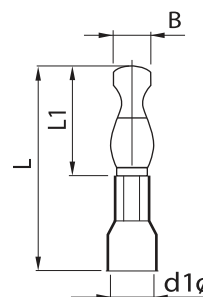
BULLET TERMINAL

หางปลาหัวเสียบตัวผู้ (แบบกลมหุ้มฉนวน)
(F TYPE)

Material: Brass

Surface: Tin plated

Insulation: PVC



Item No.	TIS Wire Size mm ²	Color	DIMENSIONS (MM.)				AWG	DIN mm ²	Q'TY in box
			B	L	L1	d1φ			
F 1.5 B	1.5	Red	4.0	21.0	11.0	3.3	22-16	0.5-1.5	1,000
F 2.5 B	2.5	Blue	5.0	21.0	11.0	4.3	16-14	1.5-2.5	1,000
F 6 B	6	Yellow	5.0	23.0	11.0	5.5	12-10	4-6	500

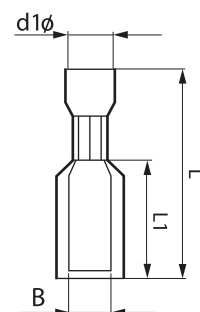
BULLET SOCKETS

หางปลาหัวเสียบตัวเมีย (แบบกลมหุ้มฉนวน)
(F TYPE)

Material: Brass

Surface: Tin plated

Insulation: PVC



Item No.	TIS Wire Size mm ²	Color	DIMENSIONS (MM.)				AWG	DIN mm ²	Q'TY in box
			B	L	L1	d1φ			
F 1.5 A	1.5	Red	3.9	23.0	13.5	3.3	22-16	0.5-1.5	500
F 2.5 A	2.5	Blue	4.9	23.5	13.5	4.5	16-14	1.5-2.5	500
F 6 A	6	Yellow	4.9	23.5	13.5	5.5	12-10	4-6	500



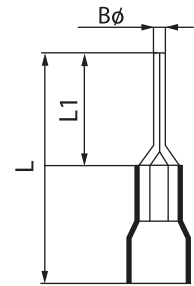
INSULATED PIN TERMINAL

หางปลาหัวเสียบกันไม้จืด (แบบกลมหัวมนวน)
(PIN TYPE)

Material: Copper

Surface: Tin plated

Insulation: PVC



Item No.	TIS Wire Size mm ²	Color	DIMENSIONS (MM.)			AWG	DIN mm ²	Q'TY in box
			BØ	L	L1			
PIN 1.5 AF	1.5	Red	1.9	22.0	12.2	22-16	0.5-1.5	1,000
PIN 2.5 AF	2.5	Blue	1.9	22.0	12.5	16-14	1.5-2.5	1,000
PIN 6 AF	6	Yellow	2.7	27.5	14.3	12-10	4-6	500

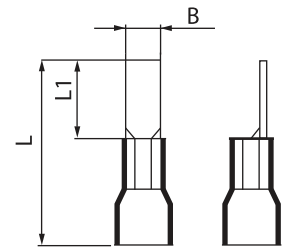
FLAT BLADE INSULATED TERMINAL

หางปลาหัวเสียบกันไม้จืด (แบบแบนหัวมนวน)
(PIN TYPE)

Material: Copper

Surface: Tin plated

Insulation: PVC



Item No.	TIS Wire Size mm ²	Color	DIMENSIONS (MM.)			AWG	DIN mm ²	Q'TY in box
			B	L	L1			
PIN 110 FB	1.5	Red	2.3	20.0	10.0	22-16	0.5-1.5	1,000
PIN 210 FB	2.5	Blue	2.3	20.5	10.5	16-14	1.5-2.5	1,000
PIN 510 FB	6	Yellow	2.8	23.5	10.5	12-10	4-6	500

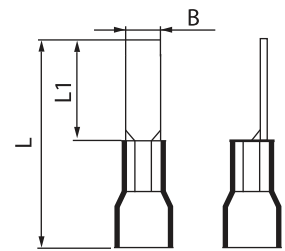
FLAT BLADE INSULATED TERMINAL

หางปลาหัวเสียบกันไม้จืด
(แบบแบนยาวหัวมนวน)
(PIN TYPE)

Material: Copper

Surface: Tin plated

Insulation: PVC



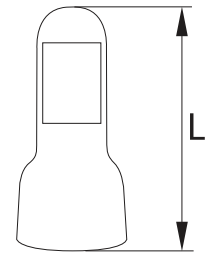
Item No.	TIS Wire Size mm ²	Color	DIMENSIONS (MM.)			AWG	DIN mm ²	Q'TY in box
			B	L	L1			
PIN 118 FB	1.5	Red	2.2	28.5	18.5	22-16	0.5-1.5	1,000
PIN 218 FB	2.5	Blue	2.2	28.5	18.5	16-14	1.5-2.5	1,000
PIN 518 FB	6	Yellow	4.5	31.3	18.2	12-10	4-6	500



CLOSED-END CONNECTORS

หัวต่อสายหุ้มฉนวนรูปหมวก (แบบจาวปูน)
(N TYPE)

Material: Copper
Surface: Tin plated
Insulation: Polyamide



Item No.	TIS Wire Size mm ²	Color	DIMENSIONS (MM.)	AWG	DIN mm ²	Q'TY in box
			L			
N 1.5	0.5-1.5	Milky White	18.1	22-16	0.5-1.5	1,000
N 2.5	1.5-2.5		20.1	16-14	1.5-2.5	500
N 6	4-6		24.8	12-10	4-6	250
N 10	10		27.5	8	10	250

WIRE-NUT CONNECTORS

ไวร์นัท สปริงเหล็ย หุ้มฉนวน
(P TYPE)

Material: Brass
Surface: Square
spring steel wire
Insulation: P.P.



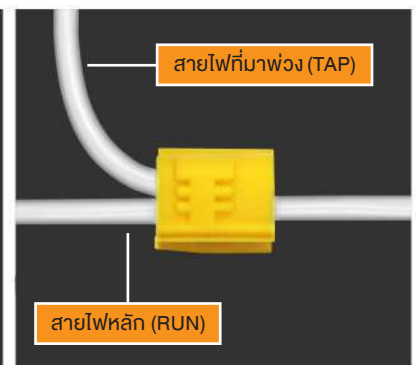
ขดลวดสปริงภายในเป็นเส้นเหล็ย
ช่วยล็อกและรัดสายให้แน่นขึ้น
Inner assembled with square
spring steel wires

Item No.	TIS Wire Size mm ²	Color	AWG	DIN mm ²	Q'TY in box
P 1-11	0.5-1.5	Gray	22-16	0.5-1.5	1,000
P 2-22	0.5-2.5	Blue	22-14	0.5-2.5	500
P 3-33	0.5-2.5	Orange	22-14	0.5-2.5	400
P 4-44	1-4	Yellow	18-12	1-4	250
P 6-66	1-6	Red	18-10	1-6	200

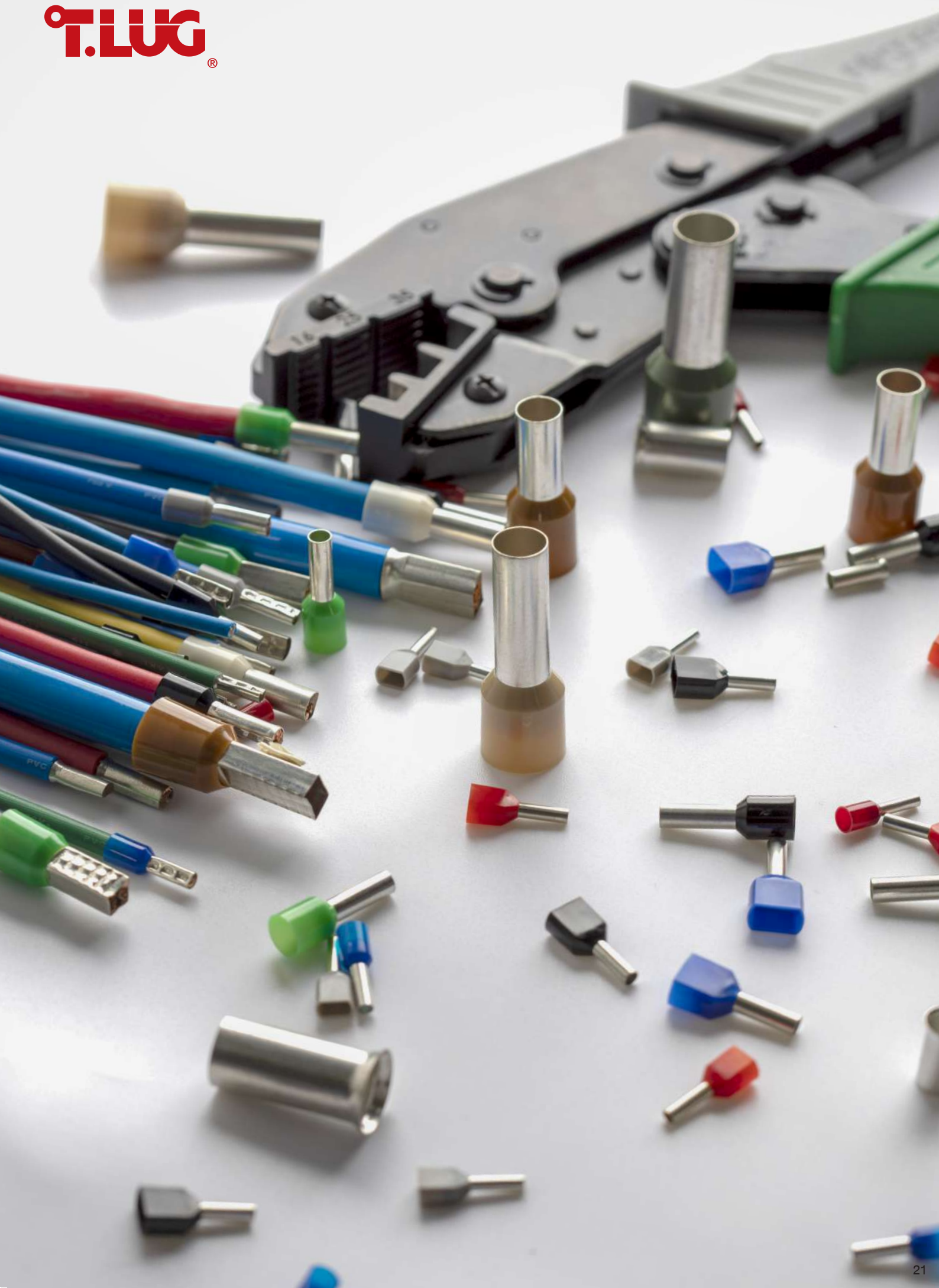
QUICK SPLICES

ดัดหนีบสาย หุ้มฉนวน
(SS TYPE)

Material: Brass
Surface: Tin plated
Insulation: P.P.



Item No.	TIS Wire Size mm ²	Color	AWG	DIN mm ²	Q'TY in box
SS 1.5	1.5	Red	22-16	0.5-1.5	200
SS 2.5	2.5	Blue	16-14	1.5-2.5	200
SS 4	6	Yellow	12-10	4-6	100



CORD-END SLEEVE

ข้อต่อปลายสายหุ้มฉนวน (แบบเดี่ยว)

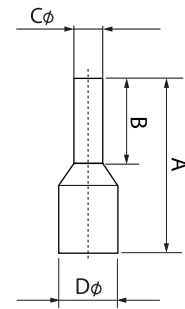
(CE TYPE)

Material: Copper

Surface: Tin plated

Insulation: Polyamide

(Nylon 6-6)



Item No.	TIS Wire Size mm ²	Color			DIMENSIONS (MM.)				AWG	DIN mm ²	Q'TY in box
		(T) French	(W) German	(D) Din	A	B	CØ	DØ			
CE 0.5-6	0.5	White	Orange	White	12.0	6.0	1.3	3.2	22	0.5	2,000
CE 0.5-8					14.0	8.0					
CE 0.5-10					16.0	10.0					
CE 0.75-6	0.75	M.Blue	White	Gray	12.0	6.0	1.5	3.4	20	0.75	2,000
CE 0.75-8					14.5	8.0					
CE 0.75-10					16.0	10.0					
CE 0.75-12	1	Red	Yellow	Red	18.0	12.0	1.7	3.6	18	1	2,000
CE 1.0-6					12.0	6.0					
CE 1.0-8					14.8	8.0					
CE 1.0-10	1.5	Black	d.Red	Black	16.0	10.0	2.0	4.1	16	1.5	2,000
CE 1.0-12					18.0	12.0					
CE 1.5-8					15.0	8.0					
CE 1.5-10	2.5	Gray	Blue	Blue	17.0	10.0	2.5	4.8	14	2.5	2,000
CE 1.5-12					18.0	12.0					
CE 2.5-8					15.5	5.0					
CE 2.5-10	4	Orange	Gray	Gray	17.2	10.0	3.2	5.5	12	4	2,000
CE 2.5-12					18.0	12.0					
CE 4.0-10					20.0	12.0					
CE 4.0-12	6	Green	Black	Yellow	26.0	18.0	3.9	7	10	6	1,000
CE 4.0-18					21.2	12.0					
CE 6.0-12					26.0	18.0					
CE 10-12	10	Brown	Ivory	Red	23.3	12.0	4.9	8.4	8	10	500
CE 10-18					28.0	18.0					
CE 16-12	16	Ivory	Green	Blue	23.0	12.0	6.2	9.5	6	16	500
CE 16-18					28.0	18.0					
CE 25-16	25	Black	Brown	Yellow	30.5	15.5	7.7	12	4	25	200
CE 25-22					35.0	22.0					
CE 35-16	35	Red	Beige	Red	31.0	16.0	8.7	13.5	2	35	200
CE 35-25					39.8	25.0					
CE 50-20					36.0	20.0					
CE 50-25	50	Blue	Olive	Blue	40.0	25.0	10.9	16	1/0	50	100

CORD-END TWIN SLEEVE

ข้อต่อปลายสายหุ้มฉนวน (แบบคู่)

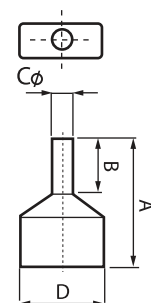
(CE TYPE)

Material: Copper

Surface: Tin plated

Insulation: Polyamide

(Nylon 6-6)



Item No.	TIS Wire Size mm ²	Color	DIMENSIONS (MM.)				AWG	DIN mm ²	Q'TY in box
			A	B	CØ	D			
CE 0.75-8x2	0.75	Gray	15.3	8.0	2.1	5.5	20	0.75	1,000
CE 1.0-8x2	1	Red	15.8	8.0	2.0	6.2	18	1	1,000
CE 1.5-8x2	1.5	Black	16.8	8.0	2.6	7.5	16	1.5	1,000
CE 2.5-10x2	2.5	Blue	19.5	10.0	2.9	8.7	14	2.5	1,000

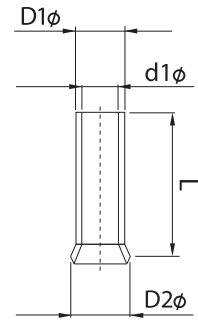
NON-INSULATED CORD-END SLEEVE

ข้อต่อสายปลายสาย (แบบตัวยาวเปลี่ยน)

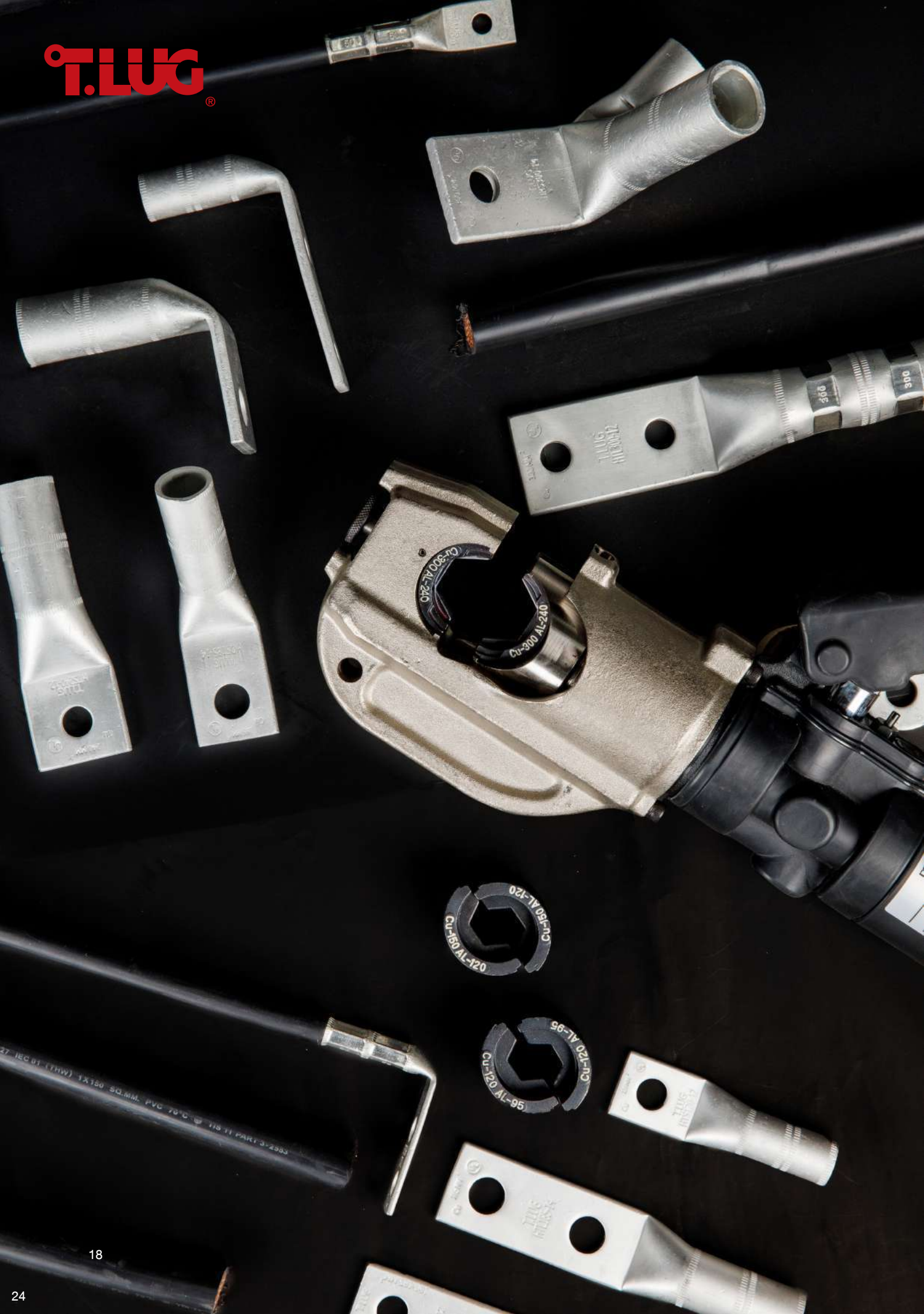
(CN TYPE)

Material: Copper

Surface: Tin plated



Item No.	TIS Wire Size mm ²	(DIMENSIONS (MM.))				AWG	DIN mm ²	Q'TY in box
		L	d1Ø	D Ø	D2Ø			
CN 0.5-6	0.5	6.0	1	1.3	2.1	22	0.5	2,000
CN 0.5-8		8.0						
CN 0.5-10		10.0						
CN 0.75-6	0.75	6.0	1.2	1.5	2.3	20	0.75	2,000
CN 0.75-8		8.0						
CN 0.75-10		10.0						
CN 0.75-12		12.0						
CN 1.0-6	1	6.0	1.4	1.7	2.5	18	1	2,000
CN 1.0-8		8.0						
CN 1.0-10		10.0						
CN 1.0-12		12.0						
CN 1.5-8	1.5	8.0	1.7	2.0	2.8	16	1.5	2,000
CN 1.5-10		10.0						
CN 1.5-12		12.0						
CN 2.5-8	2.5	8.0	2.2	2.5	3.4	14	2.5	2,000
CN 2.5-10		10.0						
CN 2.5-12		12.0						
CN 4.0-10	4	10.0	2.8	3.2	4.0	12	4	2,000
CN 4.0-12		12.0						
CN 4.0-18		18.0						
CN 6.0-12	6	12.0	3.5	3.9	4.7	10	6	2,000
CN 6.0-18		18.0						
CN 10-12	10	12.0	4.5	4.9	5.8	8	10	1,000
CN 10-18		18.0						
CN 16-12	16	12.0	5.8	6.2	7.5	6	16	1,000
CN 16-18		18.0						
CN 25-16	25	16.0	7.3	7.7	9.5	4	25	500
CN 25-22		22.0						
CN 35-16	35	16.0	8.3	8.7	11.0	2	35	400
CN 35-25		25.0						
CN 50-20	50	20.0	10.3	10.9	13.0	1/0	50	200
CN 50-25		24.7						
CN 70-22	70	22.0	13.5	14.3	15.3	2/0	70	100
CN 70-25		25.0						
CN 95-25	95	25.0	14.7	15.5	16.6	3/0	95	100
CN 95-32		32.0						
CN 120-30	120	30.0	16.7	17.6	18.6	4/0	120	80
CN 120-32		32.0						
CN 120-34		34.0						
CN 150-32	150	32.0	19.5	20.5	21.5	250-300 MCM	150	25
CN 150-38		38.0						



HIGH VOLTAGE (MV.,HV.) ELECTRICAL TERMINALS SPLICE LONG BARREL

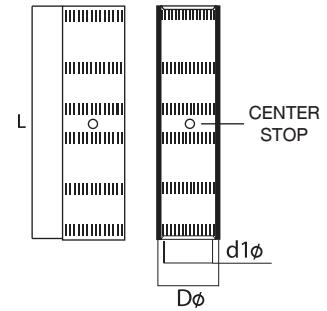
ข้อต่อสายแรงสูงแบบย้าเปลือย

Permitted crimp in larger size to assure a strong full tension and high conductive suitable to connect cable size from 10-500 SQ.MM. 12-35 KV.

(HTSL TYPE)

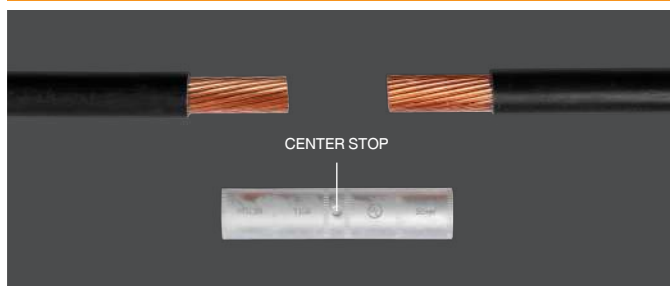
Material: ETP-Copper tube Cu 99% UP

Surface: Tin plated



Item No.	TIS Wire Size mm ²	DIMENSIONS (MM.)			Q'TY in box
		d1 Ø	D Ø	L	
HTSL 10	10	4.5	6.2	48	100
HTSL 16	16	5.4	7.1	55	100
HTSL 25	25	6.8	8.8	62	100
HTSL 35	35	8.2	10.6	70	50
HTSL 50	50	9.5	12.4	75	50
HTSL 70	70	11.2	14.7	75	40
HTSL 95	95	13.5	17.4	80	40
HTSL 120	120	15.0	19.4	85	20
HTSL 150	*,** 150	16.5	21.2	105	20
HTSL 185	185	18.5	23.5	105	10
HTSL 240	240	21.5	27.0	118	10
HTSL 300	300	23.5	30.0	140	8
HTSL 400	400	27.0	35.0	140	5
HTSL 500	500	30.0	39.0	155	5

ขั้นตอนการย้าสลีปต่อสาย (ให้ย้าจากในสุดไปปลายสุดแต่ละข้าง)



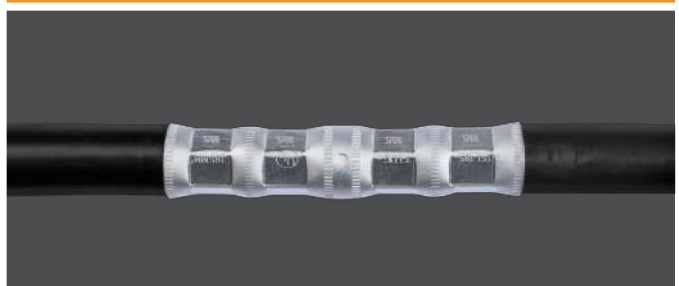
1.เตรียมหางปลาและสายไฟ



2.ย้าสายจากด้านใน



3.ย้าสายที่ปลายสลีป



4.ย้าอีกฝั่งในลักษณะเดียวกัน

หมายเหตุ (Remark): * สามารถนำไปใช้ในงานติดตั้งสายไฟชนิดตีเกลียวธรรมดาและชนิดตีเกลียวอัดแน่น (Use for stranded and compact)

** สามารถนำไปใช้กับสายไฟขนาด 185 มม² ชนิดตีเกลียวอัดแน่น (Use for compact 185mm²)

HIGH VOLTAGE (MV.,HV.) ELECTRICAL TERMINALS

SHORT BARREL ONE HOLE

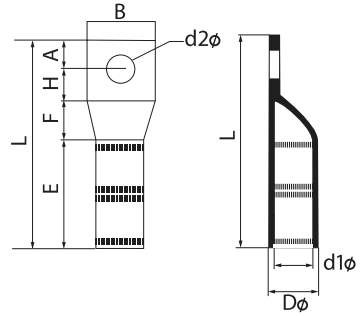
หางปลาแรงสูงชนิดรูเดี่ยว

Has provide mechanical strength for heavyduty applications. Suitable for use with cable size from 10-500 SQ.mm.12-35 KV.

(HTS TYPE)

Material: ETP-Copper tube Cu 99% UP

Surface: Tin plated



Item No.	TIS Wire Size mm ²	DIMENSIONS (MM.)									Q'TY in box
		d2φ	d1φ	Dφ	A	B	E	F	H	L	
HTS 10-6	10	6.4	4.5	6.2	9.5	12.0	21.5	7.4	11.5	49.9	100
HTS 10-8		8.4									
HTS 16-6	16	6.4	5.4	7.1	9.5	12.0	25.0	7.4	11.5	53.4	100
HTS 16-8		8.4									
HTS 25-6	25	6.4	6.8	8.8	11.5	15.0	28.5	7.4	13.5	60.9	100
HTS 25-8		8.4									
HTS 25-10		10.5									
HTS 35-6	35	6.4	8.2	10.6	11.5	17.0	32.0	8.0	13.5	65.0	50
HTS 35-8		8.4									
HTS 35-10		10.5									
HTS 50-8	50	8.4	9.5	12.4	13.5	19.0	35.0	10.9	15.5	74.9	40
HTS 50-10		10.5									
HTS 50-12		13.0									
HTS 70-8	70	8.4	11.2	14.7	13.5	21.0	35.0	10.9	17.5	76.9	40
HTS 70-10		10.5									
HTS 70-12		13.0									
HTS 95-8	95	8.4	13.5	17.4	13.5	25.5	38.0	15.8	17.5	84.8	20
HTS 95-10		10.5									
HTS 95-12		13.0									
HTS 120-10	120	10.5	15.0	19.4	14.5	28.0	40.0	18.8	18.5	91.8	20
HTS 120-12		13.0									
HTS 120-14		15.0									
HTS 150-12	150	13.0	16.5	21.2	16.5	30.5	50.0	19.8	20.5	106.8	20
HTS 150-14		15.0									
HTS 150-16		17.0									
HTS 185-12	185	13.0	18.5	23.5	16.5	34.0	50.0	19.8	20.5	106.8	10
HTS 185-14		15.0									
HTS 185-16		17.0									
HTS 240-12	240	13.0	21.5	27.0	16.5	39.5	56.0	24.8	20.5	117.8	10
HTS 240-14		15.0									
HTS 240-16		17.0									
HTS 300-12	300	13.0	23.5	30.0	20.0	43.5	67.0	26.8	24.0	137.8	10
HTS 300-14		15.0									
HTS 300-16		17.0									
HTS 400-12	400	13.0	27.0	35.0	23.0	50.8	67.0	26.8	27.0	143.8	5
HTS 400-14		15.0									
HTS 400-16		17.0									
HTS 500-12	500	13.0	30.0	39.0	23.0	56.0	75.0	33.8	27.0	158.8	5
HTS 500-14		15.0									
HTS 500-16		17.0									

หมายเหตุ (Remark): * สามารถนำไปใช้ในงานติดตั้งสายไฟชนิดเกลียวธรรมดาและชนิดเกลียวอัดแน่น (Use for stranded and compact)

** สามารถนำไปใช้กับสายไฟขนาด 185 มม² ชนิดเกลียวอัดแน่น (Use for compact 185mm²)

HIGH VOLTAGE (MV.,HV.) ELECTRICAL TERMINALS

LONG BARREL TWO HOLES

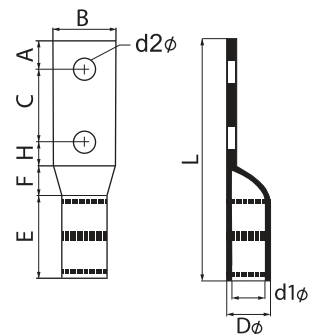
หางปลาแรงสูงชนิดรูคู่

Permitted crimp in larger size for additional assurance on heavy duty load suitable for terminating cable size from 10-500 SQ.MM. 12-35 KV.

(HTL TYPE)

Material: ETP-Copper tube Cu 99% UP

Surface: Tin plated



Item No.	TIS Wire Size mm ²	DIMENSIONS (MM.)										Q'TY in box
		d2	d1Ø	DØ	A	B	C*	E	F	H	L	
HTL 10-6	10	6.4	4.5	6.2	9.5	12.0	15.8	21.5	7.4	11.5	65.7	100
HTL 10-8		8.4										
HTL 16-6	16	6.4	5.4	7.1	9.5	12.0	15.8	25.0	7.4	11.5	69.2	100
HTL 16-8		8.4										
HTL 25-6	25	6.4	6.8	8.8	11.5	15.0	15.8	28.5	7.4	13.5	76.7	100
HTL 25-8		8.4										
HTL 25-10		10.5										
HTL 35-6	35	6.4	8.2	10.6	11.5	17.0	19.0	32.0	8.0	13.5	84.0	50
HTL 35-8		8.4										
HTL 35-10		10.5										
HTL 50-8	50	8.4	9.5	12.4	11.5	19.0	22.7	35.0	10.9	13.5	93.6	40
HTL 50-10		10.5										
HTL 50-12		13.0			13.5		44.4			15.5	119.3	
HTL 70-8	70	8.4	11.2	14.7	11.5	21.0	22.7	35.0	10.9	13.5	93.6	40
HTL 70-10		10.5										
HTL 70-12		13.0			13.5		44.4			17.5	121.3	
HTL 95-8	95	8.4	13.5	17.4	13.5	25.5	44.4	38.0	15.8	17.5	129.2	20
HTL 95-10		10.5										
HTL 95-12		13.0										
HTL 120-10	120	10.5	15.0	19.4	14.5	28.0	44.4	40.0	18.8	18.5	136.2	20
HTL 120-12		13.0										
HTL 120-14		15.0										
HTL 150-12	*,**	13.0	16.5	21.2	16.5	30.5	44.4	50.0	19.8	20.5	151.2	20
HTL 150-14	150	15.0										
HTL 150-16		17.0										
HTL 185-12	185	13.0	18.5	23.5	16.5	34.0	44.4	50.0	19.8	20.5	151.2	10
HTL 185-14		15.0										
HTL 185-16		17.0										
HTL 240-12	240	13.0	21.5	27.0	16.5	39.5	44.4	56.0	24.8	20.5	162.2	10
HTL 240-14		15.0										
HTL 240-16		17.0										
HTL 300-12	300	13.0	23.5	30.0	16.5	43.5	44.4	67.0	26.8	20.5	175.2	10
HTL 300-14		15.0										
HTL 300-16		17.0										
HTL 400-12	400	13.0	27.0	35.0	16.5	50.8	44.4	67.0	26.8	20.5	175.2	5
HTL 400-14		15.0										
HTL 400-16		17.0										
HTL 500-12	500	13.0	30.0	39.0	16.5	56.0	44.4	75.0	33.8	20.5	190.2	5
HTL 500-14		15.0										
HTL 500-16		17.0										

หมายเหตุ (Remark): * สามารถนำไปใช้ในงานติดตั้งสายไฟชนิดเกลียวธรรมดาและชนิดเกลียวอัดแน่น (Use for stranded and compact)

** สามารถนำไปใช้กับสายไฟขนาด 185 มม² ชนิดเกลียวอัดแน่น (Use for compact 185mm²)

C* ANSI HOLE

HIGH VOLTAGE ANGLE 90° ELECTRICAL TERMINALS

SHORT BARREL ONE HOLE

หางปลาแรงสูงชนิดรูเดียวมุม 90°

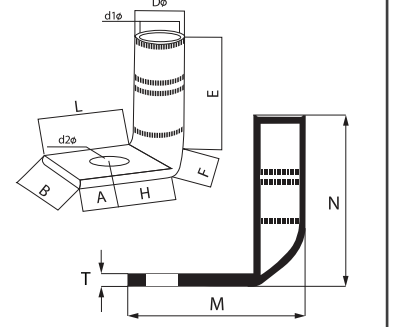
Suitable for use with cable size from 10-500 SQ.MM. In right angle position

(HRS TYPE)

Material: ETP-Copper tube

Cu 99% UP

Surface: Tin plated



ITEM NO.	TIS Wire Size mm ²	DIMENSIONS (MM.)												Q'TY in box
		d2 Ø	d1 Ø	D Ø	A	B	E	F	H	L	M	N	T	
HRS 10-6	10	6.4	4.5	6.2	9.5	12.0	21.5	7.4	16.5	26.0	32.2	29.5	1.1	100
HRS 10-8		8.4												
HRS 16-6	16	6.4	5.4	7.1	9.5	12.0	25.0	7.4	16.5	26.0	33.1	33.0	1.2	100
HRS 16-8		8.4												
HRS 25-6	25	6.4	6.8	8.8	11.5	15.0	28.5	7.4	18.5	30.0	38.8	36.7	1.6	100
HRS 25-8		8.4												
HRS 25-10		10.5												
HRS 35-6	35	6.4	8.2	10.6	11.5	17.0	32.0	8.0	21.5	33.0	43.6	41.0	2.0	50
HRS 35-8		8.4												
HRS 35-10		10.5												
HRS 50-8	50	8.4	9.5	12.4	13.5	19.0	35.0	10.9	23.5	37.0	49.4	47.2	2.5	40
HRS 50-10		10.5												
HRS 50-12		13.0												
HRS 70-8	70	8.4	11.2	14.7	13.5	21.0	35.0	10.9	27.5	41.0	55.7	47.7	3.5	20
HRS 70-10		10.5												
HRS 70-12		13.0												
HRS 95-8	95	8.4	13.5	17.4	13.5	25.5	38.0	15.8	27.5	41.0	58.4	55.6	3.6	10
HRS 95-10		10.5												
HRS 95-12		13.0												
HRS 120-10	120	10.5	15.0	19.4	14.5	28.0	40.0	18.8	28.5	43.0	62.4	61.0	4.3	10
HRS 120-12		13.0												
HRS 120-14		15.0												
HRS 150-12	150	13.0	16.5	21.2	16.5	30.5	50.0	19.8	30.5	47.0	68.2	72.1	4.5	10
HRS 150-14		15.0												
HRS 150-16		17.0												
HRS 185-12	185	13.0	18.5	23.5	16.5	34.0	50.0	19.8	30.5	47.0	70.5	72.2	4.8	10
HRS 185-14		15.0												
HRS 185-16		17.0												
HRS 240-12	240	13.0	21.5	27.0	16.5	39.5	56.0	24.8	35.5	52.0	79.0	83.6	5.5	5
HRS 240-14		15.0												
HRS 240-16		17.0												
HRS 300-12	300	13.0	23.5	30.0	20.0	43.5	67.0	26.8	44.0	64.0	94.0	97.0	6.3	5
HRS 300-14		15.0												
HRS 300-16		17.0												
HRS 400-12	400	13.0	27.0	35.0	23.0	50.8	67.0	26.8	47.0	70.0	105.0	97.8	7.9	2
HRS 400-14		15.0												
HRS 400-16		17.0												
HRS 500-12	500	13.0	32.0	39.0	23.0	56.0	75.0	33.8	47.0	70.0	109.0	113.3	8.9	1
HRS 500-14		15.0												
HRS 500-16		17.0												

หมายเหตุ (Remark): * สามารถนำไปใช้ในงานติดตั้งสายไฟชนิดเกลียวธรรมดาและชนิดเกลียวอัดแน่น (Use for stranded and compact)

** สามารถนำไปใช้กับสายไฟขนาด 185 มม² ชนิดเกลียวอัดแน่น (Use for compact 185mm²)

HIGH VOLTAGE ANGLE 90° ELECTRICAL TERMINALS

LONG BARREL TWO HOLES

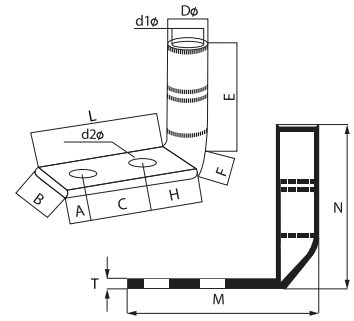
หางปลาแรงสูงชนิดรูปมุม 90°

Suitable for use with cable size from 10-500 SQ.MM. In right angle position

(HRL TYPE)

Material: ETP-Copper tube Cu 99% UP

Surface: Tin plated



ITEM NO.	TIS Wire Size mm ²	DIMENSIONS (MM.)													Q'TY in box
		d2Ø	d1Ø	DØ	A	B	C*	E	F	H	L	M	N	T	
HRL 10-6	10	6.4	4.5	6.2	9.5	12.0	15.8	21.5	7.4	16.5	41.8	48.0	29.5	1.1	100
HRL 10-8		8.4													
HRL 16-6	16	6.4	5.4	7.1	9.5	12.0	15.8	25.0	7.4	16.5	41.8	48.9	33.0	1.2	100
HRL 16-8		8.4													
HRL 25-6	25	6.4	6.8	8.8	11.5	15.0	15.8	28.5	7.4	18.5	45.8	54.6	36.7	1.6	100
HRL 25-8		8.4													
HRL 25-10		10.5													
HRL 35-6	35	6.4	8.2	10.6	11.5	17.0	19.0	32.0	8.0	21.5	52.0	62.6	41.0	2.0	50
HRL 35-8		8.4													
HRL 35-10		10.5													
HRL 50-8	50	8.4	9.5	12.4	11.5	19.0	22.7	35.0	10.9	21.5	55.7	68.1	47.2	2.5	40
HRL 50-10		10.5													
HRL 50-12		13.0			13.5		44.4			23.5	81.4	93.8			
HRL 70-8	70	8.4	11.2	14.7	11.5	21.0	22.7	35.0	10.9	23.5	57.7	72.4	47.7	3.5	20
HRL 70-10		10.5													
HRL 70-12		13.0			13.5		44.4			27.5	85.4	100.1			
HRL 95-8	95	8.4	13.5	17.4	13.5	25.5	44.4	38.0	15.8	27.5	85.4	102.8	55.6	3.6	10
HRL 95-10		10.5													
HRL 95-12		13.0													
HRL 120-10	120	10.5	15.0	19.4	14.5	28.0	44.4	40.0	18.8	28.5	87.4	106.8	61.0	4.3	10
HRL 120-12		13.0													
HRL 120-14		15.0													
HRL 150-12	150	13.0	16.5	21.2	16.5	30.5	44.4	50.0	19.8	30.5	91.4	112.6	72.1	4.5	10
HRL 150-14		15.0													
HRL 150-16		17.0													
HRL 185-12	185	13.0	18.5	23.5	16.5	34.0	44.4	50.0	19.8	30.5	91.4	114.9	72.2	4.8	10
HRL 185-14		15.0													
HRL 185-16		17.0													
HRL 240-12	240	13.0	21.5	27.0	16.5	39.5	44.4	56.0	24.8	35.5	96.4	123.4	83.6	5.5	5
HRL 240-14		15.0													
HRL 240-16		17.0													
HRL 300-12	300	13.0	23.5	30.0	16.5	43.5	44.4	67.0	26.8	40.5	101.4	131.4	97.0	6.3	5
HRL 300-14		15.0													
HRL 300-16		17.0													
HRL 400-12	400	13.0	27.0	35.0	16.5	50.8	44.4	67.0	26.8	40.5	101.4	136.4	97.8	7.9	2
HRL 400-14		15.0													
HRL 400-16		17.0													
HRL 500-12	500	13.0	30.0	39.0	16.5	56.0	44.4	75.0	33.8	40.5	101.4	140.4	113.3	8.9	1
HRL 500-14		15.0													
HRL 500-16		17.0													

หมายเหตุ (Remark): * สามารถนำไปใช้ในงานติดตั้งสายไฟชนิดตีเกลียวธรรมดาและชนิดตีเกลียวอัดแน่น (Use for stranded and compact)

** สามารถนำไปใช้กับสายไฟขนาด 185 มม² ชนิดตีเกลียวอัดแน่น (Use for compact 185mm²)

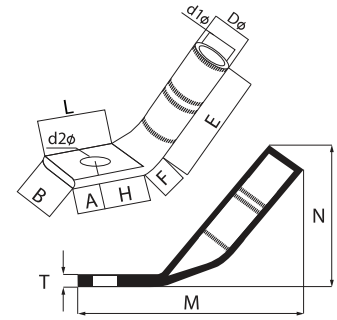
**HIGH VOLTAGE OBTUSE ANGLE 135° ELECTRICAL
TERMINALS SHORT BARREL ONE HOLE**
หางปลาแรงสูงชนิดรูเดี่ยวมุม 135°

Suitable for use with cable size from
10-500 SQ.MM. In 135° angle position

(HOS TYPE)

Material: ETP-Copper tube Cu 99% UP

Surface: Tin plated



ITEM NO.	TIS Wire Size mm ²	DIMENSIONS (MM.)												Q'TY in box
		d2Ø	d1Ø	DØ	A	B	E	F	H	L	M	N	T	
HOS 10-6	10	6.4	4.5	6.2	9.5	12.0	21.5	7.4	16.5	26.0	50.8	21.5	1.1	100
HOS 10-8		8.4												
HOS 16-6	16	6.4	5.4	7.1	9.5	12.0	25.0	7.4	16.5	26.0	53.9	24.1	1.2	100
HOS 16-8		8.4												
HOS 25-6	25	6.4	6.8	8.8	11.5	15.0	28.5	7.4	18.5	30.0	61.6	27.0	1.6	100
HOS 25-8		8.4												
HOS 25-10		10.5												
HOS 35-6	35	6.4	8.2	10.6	11.5	17.0	32.0	8.0	21.5	33.0	68.8	30.3	2.0	50
HOS 35-8		8.4												
HOS 35-10		10.5												
HOS 50-8	50	8.4	9.5	12.4	13.5	19.0	35.0	10.9	23.5	37.0	78.2	35.0	2.5	40
HOS 50-10		10.5												
HOS 50-12		13.0												
HOS 70-8	70	8.4	11.2	14.7	13.5	21.0	35.0	10.9	27.5	41.0	83.8	36.0	3.5	20
HOS 70-10		10.5												
HOS 70-12		13.0												
HOS 95-8	95	8.4	13.5	17.4	13.5	25.5	38.0	15.8	27.5	41.0	91.3	41.6	3.6	10
HOS 95-10		10.5												
HOS 95-12		13.0												
HOS 120-10	120	10.5	15.0	19.4	14.5	28.0	40.0	18.8	28.5	43.0	98.3	45.9	4.3	10
HOS 120-12		13.0												
HOS 120-14		15.0												
HOS 150-12	*,**	13.0	16.5	21.2	16.5	30.5	50.0	19.8	30.5	47.0	111.3	53.8	4.5	10
HOS 150-14	150	15.0												
HOS 150-16		17.0												
HOS 185-12	185	13.0	18.5	23.5	16.5	34.0	50.0	19.8	30.5	47.0	113.0	54.1	4.8	10
HOS 185-14		15.0												
HOS 185-16		17.0												
HOS 240-12	240	13.0	21.5	27.0	16.5	39.5	56.0	24.8	35.5	52.0	127.9	62.6	5.5	5
HOS 240-14		15.0												
HOS 240-16		17.0												
HOS 300-12	300	13.0	23.5	30.0	20.0	43.5	67.0	26.8	44.0	64.0	151.5	72.6	6.3	5
HOS 300-14		15.0												
HOS 300-16		17.0												
HOS 400-12	400	13.0	27.0	35.0	23.0	50.8	67.0	26.8	47.0	70.0	155.9	74.2	7.9	2
HOS 400-14		15.0												
HOS 400-16		17.0												
HOS 500-12	500	13.0	30.0	39.0	23.0	56.0	75.0	33.8	47.0	70.0	169.9	85.8	8.9	1
HOS 500-14		15.0												
HOS 500-16		17.0												

หมายเหตุ (Remark): * สามารถนำไปใช้ในงานติดตั้งสายไฟชนิดตีเกลียวธรรมดาและชนิดตีเกลียวอัดแน่น (Use for stranded and compact)

** สามารถนำไปใช้กับสายไฟขนาด 185 มม² ชนิดตีเกลียวอัดแน่น (Use for compact 185mm²)

HIGH VOLTAGE OBTUSE ANGLE 135° ELECTRICAL TERMINALS LONG BARREL TWO HOLES

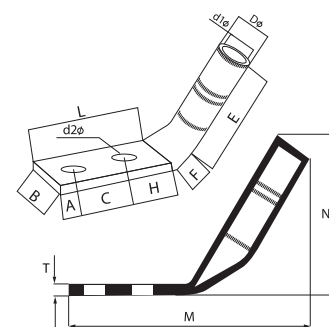
หางปลาแรงสูงชนิดครุฑมุม 135°

Suitable for use with cable size from
10-500 SQ.MM. In 135° angle position

(HOL TYPE)

Material: ETP-Copper tube Cu 99% UP

Surface: Tin plated



ITEM NO.	TIS Wire Size mm ²	DIMENSIONS (MM.)													Q'TY in box
		d2ø	d1ø	Dø	A	B	C*	E	F	H	L	M	N	T	
HOL 10-6	10	6.4	4.5	6.2	9.5	12.0	15.8	21.5	7.4	16.5	41.8	66.6	21.5	1.1	100
HOL 10-8		8.4													
HOL 16-6	16	6.4	5.4	7.1	9.5	12.0	15.8	25.0	7.4	16.5	41.8	69.7	24.1	1.2	100
HOL 16-8		8.4													
HOL 25-6	25	6.4	6.8	8.8	11.5	15.0	15.8	28.5	7.4	18.5	45.8	77.4	27.0	1.6	100
HOL 25-8		8.4													
HOL 25-10		10.5													
HOL 35-6	35	6.4	8.2	10.6	11.5	17.0	19.0	32.0	8.0	21.5	52.0	87.8	30.3	2.0	50
HOL 35-8		8.4													
HOL 35-10		10.5													
HOL 50-8	50	8.4	9.5	12.4	11.5	19.0	22.7	35.0	10.9	21.5	55.7	96.9	35.0	2.5	40
HOL 50-10		10.5													
HOL 50-12		13.0													
HOL 70-8	70	8.4	11.2	14.7	11.5	21.0	22.7	35.0	10.9	23.5	57.7	100.6	36.0	3.5	20
HOL 70-10		10.5													
HOL 70-12		13.0													
HOL 95-8	95	8.4	13.5	17.4	13.5	25.5	44.4	38.0	15.8	27.5	85.4	128.3	41.6	3.6	10
HOL 95-10		10.5													
HOL 95-12		13.0													
HOL 120-10	120	10.5	15.0	19.4	14.5	28.0	44.4	40.0	18.8	28.5	87.4	142.7	45.9	4.3	10
HOL 120-12		13.0													
HOL 120-14		15.0													
HOL 150-12	*,**	13.0	16.5	21.2	16.5	30.5	44.4	50.0	19.8	30.5	91.4	155.7	53.8	4.5	10
HOL 150-14	150	15.0													
HOL 150-16		17.0													
HOL 185-12	185	13.0	18.5	23.5	16.5	34.0	44.4	50.0	19.8	30.5	91.4	157.4	54.1	4.8	10
HOL 185-14		15.0													
HOL 185-16		17.0													
HOL 240-12	240	13.0	21.5	27.0	16.5	39.5	44.4	56.0	24.8	35.5	96.4	172.3	62.6	5.5	5
HOL 240-14		15.0													
HOL 240-16		17.0													
HOL 300-12	300	13.0	23.5	30.0	16.5	43.5	44.4	67.0	26.8	40.5	101.4	188.9	72.6	6.3	5
HOL 300-14		15.0													
HOL 300-16		17.0													
HOL 400-12	400	13.0	27.0	35.0	16.5	50.8	44.4	67.0	26.8	40.5	101.4	193.5	74.2	7.9	2
HOL 400-14		15.0													
HOL 400-16		17.0													
HOL 500-12	500	13.0	30.0	39.0	16.5	56.0	44.4	75.0	33.8	40.5	101.4	205.9	85.8	8.9	1
HOL 500-14		15.0													
HOL 500-16		17.0													

หมายเหตุ (Remark): * สามารถนำไปใช้งานติดตั้งสายไฟชนิดตีเกลียวธรรมดาและชนิดตีเกลียวอัดแน่น (Use for stranded and compact)

** สามารถนำไปใช้กับสายไฟขนาด 185 มม² ชนิดตีเกลียวอัดแน่น (Use for compact 185mm²)

CERTIFICATE OF COMPLIANCE

Certificate Number 20190429-E304648
Report Reference E304648-20131209
Issue Date 2019-APRIL-29

Issued to: TERMINAL LUGS CO LTD
110/6 Moo 2 Krungnont-Jongthanom Rd
Mahasawat, Bangkruey, Nonthaburi 11130 THAILAND

**This certificate confirms that
representative samples of**

WIRE CONNECTORS AND SOLDERING LUGS
See Addendum Page.

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety:
Additional Information:

UL 486A-486B, Wire Connectors
See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program
UL LLC

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutu/locations/>



CERTIFICATE OF COMPLIANCE

Certificate Number 20190429-E304648
Report Reference E304648-20131209
Issue Date 2019-APRIL-29

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

USL – Non-insulated crimp on terminal connectors, One Hole, Series HTS, HRS, HOS;

Cat. No. H, followed by TS, RS or OS, followed by blank, followed by 10 or 16, followed by -6 or -8.

Cat. No. H, followed by TS, RS or OS, followed by blank, followed by 25 or 35, followed by -6, -8 or -10.

Cat. No. H, followed by TS, RS or OS, followed by blank, followed by 50, 70 or 95, followed by -8, -10 or -12.

Cat. No. H, followed by TS, RS or OS, followed by blank, followed by 120, followed by -10, -12 or -14.

Cat. No. H, followed by TS, RS or OS, followed by blank, followed by 150, followed by -12, -14 or -16, followed by blank, followed by CV185.

Cat. No. H, followed by TS, RS or OS, followed by blank, followed by 185, 240, 300, 400 or 500, followed by -12, -14 or -16.

USL – Non-insulated crimp on terminal connectors, Two Hole, Series HTL, HRL, HOL;

Cat. No. H, followed by TL, RL or OL, followed by blank, followed by 10 or 16, followed by -6 or -8.

Cat. No. H, followed by TL, RL or OL, followed by blank, followed by 25 or 35, followed by -6, -8 or -10.

Cat. No. H, followed by TL, RL or OL, followed by blank, followed by 50, 70 or 95, followed by -8, -10 or -12.

Cat. No. H, followed by TL, RL or OL, followed by blank, followed by 120, followed by -10, -12 or -14.

Cat. No. H, followed by TL, RL or OL, followed by blank, followed by 150, followed by -12, -14 or -16, followed by blank, followed by CV185.

Cat. No. H, followed by TL, RL or OL, followed by blank, followed by 185, 240, 300, 400 or 500, followed by -12, -14 or -16.

USL – Non-insulated crimp on terminal splices, Series CSL, HTSL;

Cat. No. CSL or HTSL, followed by blank, followed by 10, 16, 25, 35, 50, 70, 95, 120, 185, 240, 300, 400 or 500.

Cat. No. CSL or HTSL, followed by blank, followed by 150, followed by blank, followed by CV185.



Bruce Mahrenholz, Director North American Certification Program
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CERTIFICATE OF COMPLIANCE

Certificate Number 20190429-E304648
Report Reference E304648-20070430
Issue Date 2019-APRIL-29

Issued to: TERMINAL LUGS CO LTD
110/6 Moo 2 Krungnont-Jongthanom Rd
Mahasawat, Bangkruay, Nonthaburi 11130 THAILAND

This certificate confirms that representative samples of WIRE CONNECTORS AND SOLDERING LUGS
See Addendum Page.

Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 486A-486B, Wire Connectors
Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.



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CERTIFICATE OF COMPLIANCE

Certificate Number 20190429-E304648
Report Reference E304648-20070430
Issue Date 2019-APRIL-29

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

USL: Non-insulated crimp on terminal connectors, Cat. Nos. One Hole – CL 10-6, CL 10-8, CL 16-6, CL 16-8, CL 25-6, CL 25-8, CL 25-10, CL 35-6, CL 35-8, CL 35-10, CL 35-12, CL 50-8, CL 50-10, CL 50-12, CL 70-8, CL 70-10, CL 70-12, CL 95-8, CL 95-10, CL 95-12, CL 120-10, CL 120-12, CL 120-14, CL 120-16, CL 150-10 CV185, CL 150-12 CV185, CL 150-14 CV185, CL 150-16 CV185, CL 185-12, CL 185-14, CL 185-16, CL 240-12, CL 240-14, CL 240-16, CL 300-12 CV300, CL 300-14 CV300, CL 300-16 CV300, CL 300-18 CV300, CL 400-14 CV400, CL 400-16 CV400, CL 400-18 CV400, CL 400-20 CV400, CL 500-12, CL 500-16, CL 500-18, CL 500-20.



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