Crimping Terminals

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RoHS — The restriction of the use of certain hazardous substances in electrical and electronic equipment

HF (halogenfree) — Halogen Free

LFH (Limited Fire Hazard) — Limited Fire Hazard

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PRE-INSULATED TERMINALS

Wire Range mm²	STUD (mm)	RING R(E)	SPADE S(E)	PIN P(E)	BUTT UT(E)	BULLET MALE ULM(E)	BULLET FEMALE ULF(E)	FLAT BLADE FB(E)	HOOK BLADE HB(E)	DISCONNECT MALE DM(E)	DISCONNECT FEMALE DFE)	PIGGY-BACK PB(E)	FULLY INSULATED DISCONNECT MALE (F-DM)	FULLY INSULATED DISCONNECT FEMALE (F-DF)	T-SPLICE (TS)	QUICK SPLICE (QS)	CLOSED END CONNCECTORS (CE)	CRIMPING TOOLS
,34 - 1,57 (Size 1)	10	1R10		1P10 (10mm)	1UT	1ULM4 (4mm)	1ULF4 (4mm)	1FB10 (10 x 2,3mm)	1HB (4,6mm)	1DM (6,4mm)	1DF (6,4mm)	1PB (6,4mm)	F1DMY (6,4mm Nylon)	TF1DF (6,4mm)	1TSRD	1QS	CE1	YYT1
	8	1R8																
	6	1R6	1S6A‡					1FB11 (11 x 3,0mm)	1HB3 (3mm)	1DM4 (4,8mm)	1DF4 (4,8mm)			TF1DF4 (4,8mm)				KST2000A KST2000B (Twingrip)
	5	1R5	1S5A‡															
	4	1R4	1S4A‡					1FB14 (14 x 3,0mm)		1DM2 (2,8mm)	1DF2 (2,8mm)			TF1DF2 (2,8mm)				
	3,5		1S35															
	3	1R3	1S3					1FB18 (18 x 2,3mm)										
1,17 - 3,24 (Size 2)	10	2R10		2P10 (10mm)	2UT	2ULM4 (4mm)	2ULF4 (4mm)	2FB9 (9 x 2,8mm)	2HB (4,6mm)	2DM (6,4mm)	2DF (6,4mm)	2PB (6,4mm)		TF2DF (6,4mm)	2TSBL	2QS	CE2	YYT7
	8	2R8																
	6	2R6	2S6A‡	2P12 (12mm)		2ULM5 (5mm)	2ULF5 (5mm)	2FB13 (13 x 2,4mm)						TF2DF4 (4,8mm)				YYT15
	5	2R5	2S5A‡															
	4	2R4(A)‡	2S4A‡					2FB18 (18 x 2,2mm)	2HB3 (3mm)	2DM4 (4,8mm)	2DF4 (4,8mm)		F2DMY (6,4mm Nylon)	F2DFY (6,4mm Nylon)				
	3,5	2R35	2S35								2DF9 (9,4mm)							
2,5 - 6,00 (Size 3)	12	3R12		3P13 (13mm)	3UT	3ULM5 (5mm)	3ULF5 (5mm)	3FB10 (10 x 2,8mm)	3HB (4,6mm)	3DM (6,4mm)	3DF (6,4mm)	3PB (6,4mm)		TF2DF (6,4mm)	1TSYL	3QS	CE5	HS2004
	10	3R10											F3DMY (6,4mm Nylon)	F3DFY (6,4mm Nylon)				
	8	3R8																
	6	3R6	3S6A‡					3FB14 (14 x 4,5mm)	3HB3 (3mm)		3DF9 (9,4mm)							YYTB6
	5	3R5	3S5															
	4	3R4	3S4A‡															
	3,5	3R35																YAC5

BOOTLACE FERRULES

Insulated Code	L (mm)	Wire Size (mm²)
E0208BL	8	,20
E0308TQ	8	,30
E0510WT	8	,50
E0710BL	10	,75
E1010RD	10	1,00
E1510BK	10	1,50
E2512GY	12	2,50
E4012OR	12	4,00
E6012GR	12	6,00
E10012BN	12	10,00
E16018IV	12	16,00
E25022BK	22	25,00
E35025RD	25	35,00

Also available in twin entry

Un-Insulated Code	L (mm)	Wire Size (mm²)
EN0506	8	,50
EN7506	10	,75
EN1010	10	1,00
EN1510	10	1,50
EN2502	12	2,50
EN4012	12	4,00
EN6012	12	6,00
EN10012	12	10,00
EN16018	12	16,00

NOTE:
1) For inner copper tube (Twingrip) use prefix "T"
2) ‡(A) Option Narrower
3) Suffix "E" after type denotes "Easy Entry"

E-mail: sales.jhb@hellermann.co.za
Website: www.hellermanntyton.co.za
Johannesburg (011) 879-6620 Cape Town (021) 594-7100 Durban (031) 569-9900 Port Elizabeth (041) 408-2400
HellermannTyton

Pre-Packs

Wall mounted stand comprising of 10 packs of 43 most popular types of terminals, which includes an Assortment Pack (PRPK28) and a Tool Kit (Crimper + Assortment Pack PRPK 29) of terminals. Ideal for electricians and handymen.

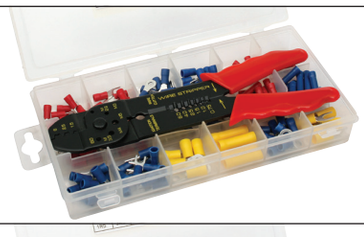
Technical Table

PRPK - 28		PRPK - 29	
Assortment Pack		Toolkit	
Terminals	Quantity	Terminals	Quantity
2PB	4	1S35	5
2UT	4	1DF	5
3R5	4	2DF	5
1S35	4	1UT	5
1R4	4	2R5	5
1DF	4	LY2001	1
1ULM	4		
1ULF	4		
1UT	4		
2R4	4		
2R5	4		
2DF	4		

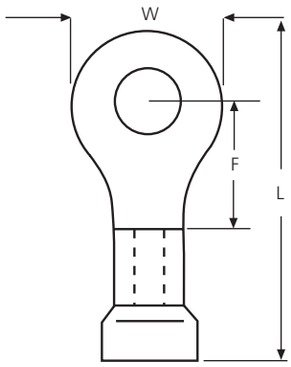
Technical Table

Pack No.	Code	Description	Wire Range (mm)	Qty per pack	Pack No.	Stock No.	Description	Wire Range (mm)	Qty per pack
1	PRPK 1	1R6	0.34 – 1.57	10	22	PRPK 22	1PB	0.34 – 1.57	10
2	PRPK 2	1R5		10	23	PRPK 23	2PB	1.17 – 3.24	6
3	PRPK 3	1R4		10	24	PRPK 24	1ULM4	0.34 – 1.57	8
4	PRPK 4	2R6	1.17 – 3.24	8	25	PRPK 25	2ULM4	1.17 – 3.24	8
5	PRPK 5	2R5		10	26	PRPK 26	1ULF4	0.34 – 1.57	8
6	PRPK 6	2R4		10	27	PRPK 27	2ULM4	1.17 – 3.24	8
7	PRPK 7	3R8	2.5 – 6.0	6	28	PRPK 28	See table above		
8	PRPK 8	3R6		6	29	PRPK 29	See table above		
9	PRPK 9	3R5		6	30	PRPK 30	1S5A	0.34 – 1.57	10
10	PRPK 10	1S35	0.34 – 1.57	10	31	PRPK 31	2S4A	1.17 – 3.24	10
11	PRPK 11	1S4A		10	32	PRPK 32	1DF2	0.34 – 1.57	10
12	PRPK 12	2S35	1.17 – 3.24	10	33	PRPK 33	1DF4		10
13	PRPK 13	2S5A		10	34	PRPK 34	2DF4	1.17 – 3.24	10
14	PRPK 14	1P10	0.34 – 1.57	10	35	PRPK 35	3DF	2.5 – 6.0	8
15	PRPK 15	2P12	1.17 – 3.24	10	36	PRPK 36	3DM		8
16	PRPK 16	1UT	0.34 – 1.57	10	37	PRPK 37	3DF9		5
17	PRPK 17	2UT	1.17 – 3.24	8	38	PRPK 38	F1DFY	0.34 – 1.57	5
18	PRPK 18	1DM	0.34 – 1.57	10	39	PRPK 39	F2DFY	1.17 – 3.24	5
19	PRPK 19	2DM	1.17 – 3.24	10	40	PRPK 40	3UT	2.5 – 6.0	6
20	PRPK 20	1DF	0.34 – 1.57	10	41	PRPK 41	3R10		5
21	PRPK 21	2DF	1.17 – 3.24	10					

Technical Table

Code	Description	Quantity of Each Component	Content	
K150T	Pre-insulated Terminal Kit complete with Crimping Tool	10/5	1R4, 2R4, 2R5, 1S35, 2S35, 1UT, 2UT, 3R5, 3S5, 3UT, 1DF, 2DF, 1DM, 2DM YL2001 (Crimping Tool)	
K175	Pre-insulated Terminal Kit	15/10/5	2R35A, 1UT, 2UT, 1DF, 2DF, 1DM, 2DM, 1R4, 1R5, 2R4, 2R5, 1S35, 3UT, 3R5	
K300	Pre-insulated Terminal Kit	25/20/15/10/5	1R4, 1R5, 1S35, 2R4, 1DF, 2DF, 1DM, 2DM, 2R35A, 2R5, 1UT, 2UT, 3R5, 3R6, 3UT	

Insulated Ring Terminals

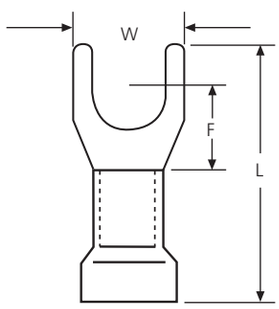


Technical Table

Code	Wire Range (mm²)	Colour	Stud Size (mm)	Dimensions		
				W	L	F
1R3	0,25 - 1,65		3,2	5,5	17,5	5,0
1R4			4,3	8,0	20,5	7,0
1R5			5,3	8,0	20,5	7,0
1R6			6,4	11,6	26,8	11,0
1R8			8,4	11,6	26,8	11,0
1R10			10,5	13,6	30,5	13,9
2R35	1,04 - 2,63		3,7	6,6	17,8	6,6
2R4			4,3	8,5	21,8	8,5
2R5			5,3	9,5	21,8	9,5
2R6			6,4	12,0	26,8	11,0
2R8			8,4	12,0	26,8	11,0
2R10			10,5	13,6	30,5	13,9
3R35	2,63 - 6,64		3,7	7,2	22,7	6,1
3R4			4,3	9,5	26,6	9,1
3R5			5,3	9,5	26,6	9,1
3R6			6,4	12,0	29,5	10,5
3R8			8,4	15,0	34,0	13,5
3R10			10,5	15,0	34,0	13,5
3R12			12,0	19,2	38,6	16,0

For Inner Copper Tube (TwinGrip) use Prefix "T"

Insulated Spade Terminals

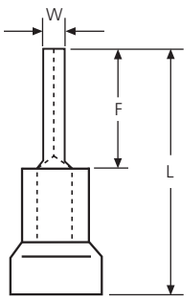


Technical Table

Code	Wire Range (mm²)	Colour	Stud Size (mm)	Dimensions		
				W	L	F
1S35	0,25 - 1,65		3,7	6,4	21,0	6,5
1S3			3,2	5,7	21,0	6,5
1S4A			4,3	6,4	21,0	6,5
1S5A			5,3	8,1	21,0	6,5
1S6A			6,4	9,5	21,0	6,5
2S35	1,04 - 2,63		3,7	6,0	21,0	6,5
2S4A			4,3	6,4	21,0	6,5
2S5A			5,3	7,9	21,0	6,5
2S6A			6,4	9,3	21,0	6,5
3S4A	2,63 - 6,64		4,3	8,3	25,5	7,0
3S5			5,3	9,0	25,5	7,0
3S6A			6,4	9,0	25,5	7,0

For Inner Copper Tube (TwinGrip) use Prefix "T"

Insulated Pin Terminals



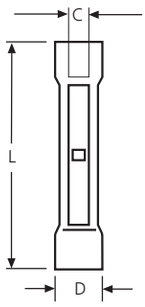
Technical Table

Code	Wire Range (mm²)	Colour	Dimensions		
			W	L	F
1P10	0,25 - 1,65		1,9	19,8	10,0
2P10	1,04 - 2,63		1,9	19,8	10,0
2P12			1,9	21,8	12,0
3P13	2,63 - 6,64		2,8	27,0	13,0

For Inner Copper Tube (TwinGrip) use Prefix "T"

● 0.5 - 1,5mm² - 19Amp 600V ● 1.5 - 2,5mm² - 27Amp 600V ● 4 - 6mm² - 48Amp 600V

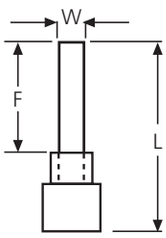
Insulated Butt Connectors



Technical Table

Code	Wire Range (mm^2)	Colour	Dimensions		
			D	C	L
1UT	0,25 - 1,65		4,0	1,7	24,6
2UT	1,04 - 2,63		4,5	2,3	24,6
3UT	2,63 - 6,64		6,3	3,4	26,5

Insulated Blade Terminals

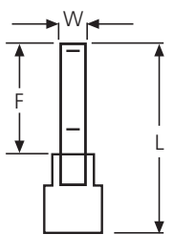


Technical Table

Code	Wire Range (mm^2)	Colour	Dimensions		
			W	L	F
1FB10	0,25 - 1,65		2,3	19,8	10,0
1FB11			3,0	20,8	11,0
1FB14			3,0	23,8	14,0
1FB18			2,2	27,8	18,0
2FB9	1,04 - 2,63		2,8	18,8	9,0
2FB13			2,4	22,8	13,0
2FB18			2,2	27,8	18,0
3FB10	2,63 - 6,64		2,8	23,0	10,0
3FB14			4,5	27,0	14,0

For Inner Copper Tube (TwinGrip) use Prefix "T"

Insulated Hook Blade Terminals

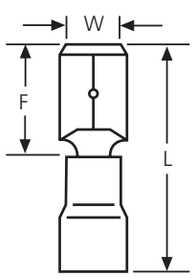


Technical Table

Code	Wire Range (mm^2)	Colour	Dimensions		
			W	L	F
1HB3	0,25 - 1,65		3,0	27,2	16,8
1HB			4,6	27,2	16,8
2HB3	1,04 - 2,63		3,0	27,2	16,8
2HB			4,6	27,2	16,8
3HB3	2,63 - 6,64		3,0	30,2	17,2
3HB			4,6	30,2	17,2

For Inner Copper Tube (TwinGrip) use Prefix "T"

Insulated Male Disconnects



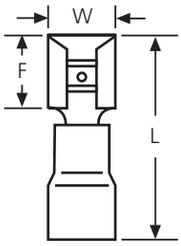
Technical Table

Code	Wire Range (mm^2)	Colour	Dimensions		
			W	L	F
1DM4	0,25 - 1,65		4,8	19,0	6,5
1DM			6,35	21,0	7,7
2DM4	1,04 - 2,63		4,8	10,0	6,5
2DM			6,35	21,0	7,7
3DM	2,63 - 6,64		6,35	24,0	7,7

For Inner Copper Tube (TwinGrip) use Prefix "T"

● 0.5 - 1,5mm² - 19Amp 600V ● 1.5 - 2,5mm² - 27Amp 600V ● 4 - 6mm² - 48Amp 600V

Insulated Female Disconnects

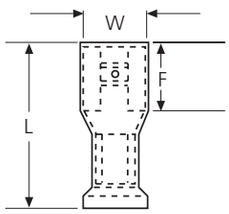


Technical Table

Code	Wire Range (mm²)	Colour	Dimensions		
			W	L	F
1DF2	0,25 - 1,65		3,2	18,6	6,5
1DF4			5,0	19,0	6,4
1DF			6,6	20,5	7,3
2DF4	1,04 - 2,63		5,0	19,0	6,4
2DF			6,6	20,5	7,3
2DF9			10,0	25,5	12,0
3DF	2,63 - 6,64		6,6	23,5	7,3
3DF9			10,0	28,5	12,0

For Inner Copper Tube (TwinGrip) use Prefix "T"

Fully Insulated Female Disconnects

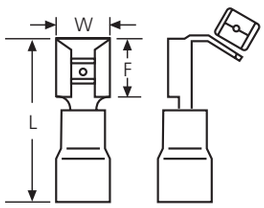


Technical Table

Code	Wire Range (mm²)	Colour	Dimensions		
			W	L	F
F1DF2	0,25 - 1,65		3,8	19,0	6,4
F1DF4			5,0	19,3	6,4
F1DF			6,6	22,0	7,3
F2DF4	1,04 - 2,63		5,0	19,3	6,4
F2DF			6,6	22,0	7,3
F3DF	2,63 - 6,64		6,6	24,0	7,3
F3DF9			10,0	28,5	12,0

For Inner Copper Tube (TwinGrip) use Prefix "T"

Insulated Piggy Back Disconnects

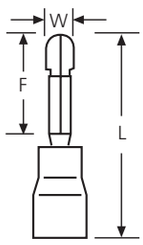


Technical Table

Code	Wire Range (mm²)	Colour	Dimensions		
			W	L	F
1PB	0,25 - 1,65		6,6	22,0	8,0
2PB	1,04 - 2,63		6,6	22,0	8,0

For Inner Copper Tube (TwinGrip) use Prefix "T"

Insulated Male Bullet Disconnects

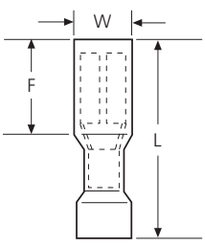


Technical Table

Code	Wire Range (mm²)	Colour	Dimensions		
			W	L	F
1ULM4	**0,25 - 1,65**		4,0	21,5	8,5
2ULM4	**1,04 - 2,63**		4,0	21,5	8,5
3ULM4	**2,63 - 6,64**		4,0	24,0	8,5
3ULM5			5,0	24,0	8,5

For Inner Copper Tube (TwinGrip) use Prefix "T"

Insulated Female Bullet Disconnects



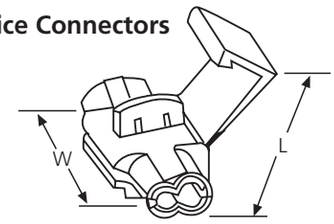
Technical Table

Code	Wire Range (mm²)	Colour	Dimensions		
			W	L	F
1ULF4	0,25 - 1,65		3,9	21,5	7,3
2ULF4	1,04 - 2,63		3,9	25,5	7,3
2ULF5			5,9	25,5	7,0
3ULF5	2,63 - 6,64		4,9	24,5	7,0

For Inner Copper Tube (TwinGrip) use Prefix "T"

● 0.5 - 1,5mm² - 19Amp 600V ● 1.5 - 2,5mm² - 27Amp 600V ● 4 - 6mm² - 48Amp 600V

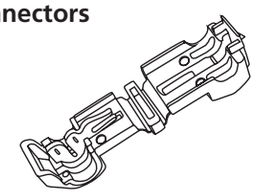
Quick Splice Connectors



Technical Table

Code	Wire Range (mm²)	Colour	Dimensions	
			W	L
1QS	0,25		20,0	27,0
2QS	2,0		20,0	27,0
3QS	5,5		20,5	34,5

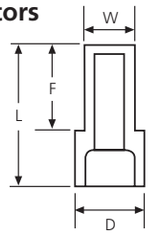
T-Splice Connectors



Technical Table

Code	Wire Range (mm²)	Colour	Dimensions	
			W	L
1TSRD	0,25		??	??
2TSBL	2,0		??	??
3TSYL	5,5		??	??

Closed End Connectors

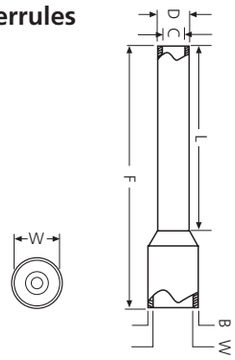


Technical Table

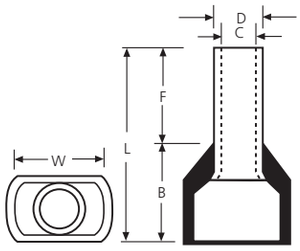
Code	(mm²)	Dimensions			
		W	L	F	D
CE1	1,25	5,3	21,0	8,0	9,8
CE2	2	6,0	21,0	9,0	10,0

Boot Lace Ferrules

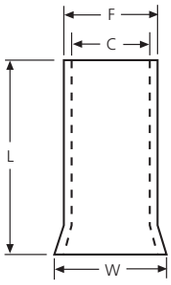
E - Insulated



TE - Twin Entry Insulated



EN - Uninsulated



Technical Table

Code	Dimensions (mm)						Wire Range Insulation	
	L	F	W	B	C	D	(mm²)	Colour
E0208	8.0	12.4	1.9	4.4	0.8	1.1	0.25	
E0308	8.0	12.4	1.9	4.4	0.8	1.1	0.34	
E0510	10.0	16.0	2.6	6.0	1.0	1.3	0.5	White
E0710	10.0	16.3	3.0	6.3	1.2	1.5	0.75	
E01010	10.0	16.3	3.0	6.3	1.4	1.7	1.0	
E01510	10.0	16.4	3.5	6.3	2.0	1.7	1.5	
E02512	12.0	19.4	4.0	7.4	2.3	2.6	2.5	
E4012	12.0	19.4	4.5	7.4	2.8	3.2	4.0	
E6012	12.0	20.5	6.0	8.5	3.5	3.9	6.0	
E10012	12.0	20.8	7.5	8.8	4.5	4.9	10.0	
E16018	18.0	28.0	8.7	10.0	5.8	6.2	16.0	
TE0508	14.5	8.0	5.0	3.6	1.5	1.8	0.5	White
TE0708	14.7	8.0	5.5	3.5	1.8	2.1	0.75	
TE1010	17.1	10.0	5.5	4.0	2.0	2.3	1.0	
TE1512	19.5	12.0	6.4	4.2	2.3	2.6	1.5	
TE2513	21.5	13.0	8.0	5.0	2.9	3.3	2.5	
TE4012	23.1	12.0	8.8	5.7	3.8	4.2	4.0	
TE6014	26.1	14.0	9.5	6.8	4.9	5.3	6.0	
TE10014	26.6	14.0	12.1	8.0	6.5	6.9	10.0	
TE16014	31.3	14.0	19.0	10.5	8.3	8.7	16.0	

Technical Table

Code	Dimensions (mm)				Wire Range (mm²)
	L	F	W	C	
EN0506	6.0	1.3	1.7	1.0	0.5
EN0710	10.0	1.5	1.9	1.2	0.75
EN1010	10.0	1.7	2.2	1.4	1.0
EN1510	10.0	2.0	2.5	1.7	1.5
EN2512	12.0	2.6	3.3	2.3	2.5
EN4012	12.0	3.2	3.9	2.8	4.0
EN6012	12.0	3.9	4.7	3.5	6.0
EN10012	12.0	4.9	5.8	4.5	10.0
EN16018	18.0	6.2	7.2	5.8	16.0

Hellermann
BRASS TERMINALS

RING	DISCONNECT FEMALE	DISCONNECT FEMALE WITH CLIP	SPADE	MALE	BULLET FEMALE	BULLET MALE	ANGLE GRIPTITE
UR10 (10mm) **UR8** (8mm) **UR6** (6mm) **UR5** (5mm) **UR4** (4mm) **UR3** (3mm)	**UDF** (6mm) **UDF2** (2,8mm) **UDF4** (4mm)	**UDFC**	**US4** (4mm)	**UDM** (6.4 x 7mm) **LOM51250** (6.4 x 10mm)	**UULF4** (4mm)	**UULM4** (4mm)	**LFO6125A**

TOOLS

*YYT8

YAC3

LY2001

KST2000A
KST2000B (Twingrip)

YAC5 – 0,5 mm² - 6,0 mm²
YAC6 – 6,0 mm² - 16,0 mm²

YAC6

YAC9

YAC8

YAC13

YYT7

YYT1

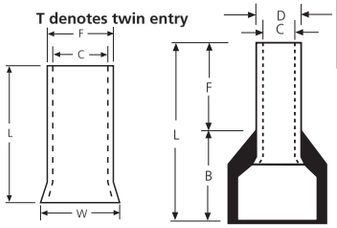
YYT11 (Brass)

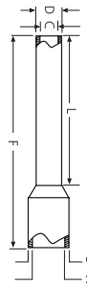
*** DENOTES FOR UNINSULATED TERMINALS**

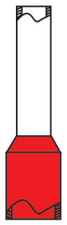
BOOTLACE FERRULES

	INSULATED			UN-INSULATED		
	Code	L(mm)	Wire Size (mm²)	Code	L(mm)	Wire Size (mm²)
●	E0208VT	8	,20			
●	E0308PK	8	,30			
○ (T)	E0510WT	8	,50	EN0506	8	,50
● (T)	E0710BL	10	,75	EN7506	10	,75
● (T)	E1010RD	10	1,00	EN1010	10	1,00
● (T)	E1510BK	10	1,50	EN1510	10	1,50
● (T)	E2512GY	12	2,50	EN2502	12	2,50
● (T)	E4012OR	12	4,00	EN4012	12	4,00
● (T)	E6012GR	12	6,00	EN6012	12	6,00
● (T)	E10012BN	12	10,00	EN10012	12	10,00
○ (T)	E16018IV	12	16,00	EN16018	12	16,00
●	E25022BK	22	25,00			
●	E35025RD	25	35,00			

T denotes twin entry

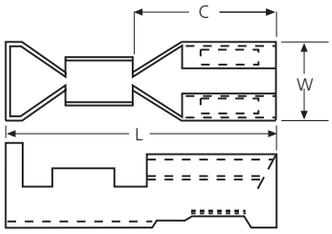






Griptite Terminals and Covers

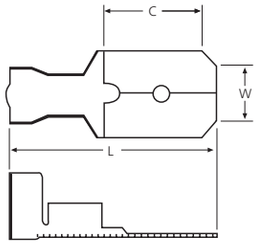
Uninsulated Receptacles



Technical Table

Code	Stranded Wire Item No.	Dimensions		
		L	C	W
LTO61250N	0,75 - 2,0	19,0	8,0	7,6
LTO81250N	2,0 - 3,5	19,6	8,0	7,6

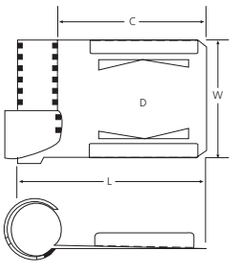
Uninsulated Blade



Technical Table

Code	Stranded Wire Item No.	Dimensions		
		L	C	W
LOM1250	0,5 - 2,0	20,6	9,8	6,35

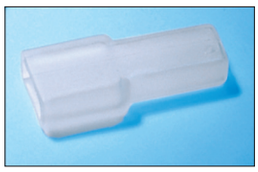
Uninsulated Right-Angled Blade



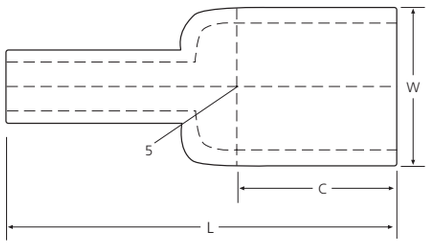
Technical Table

Code	Stranded Wire Item No.	Dimensions		
		L	C	W
SF061250A	0,75 - 2,0	16,1	7,8	8,0

Griptite Insulating Covers (PVC) 6,3 Series



HV4819



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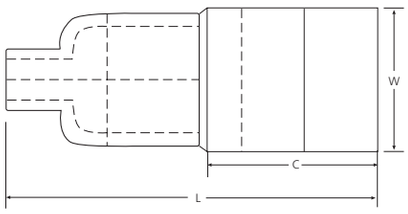
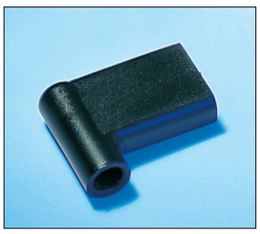
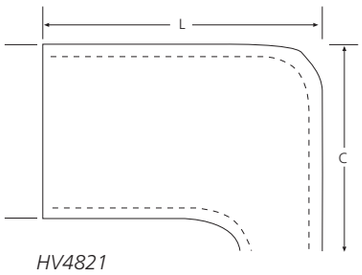


HV4820

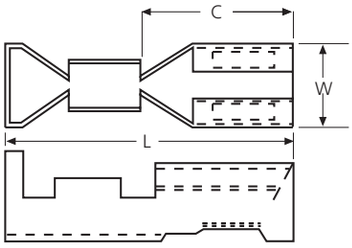




HV4821

Brass – Open Barrel Terminals

Uninsulated Disconnect - Female

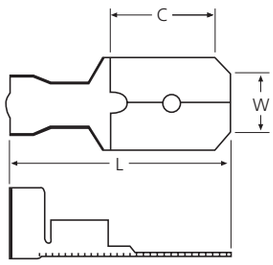


Technical Table

Code	Stranded Wire Item No.	Dimensions		
		L	C	W
UDF	0.5 - 2.0	19.0	7.5	6.6
UDF2		16.0	6.4	3.2
UDF4		15.5	6.5	5.0
UDFC		19.0	7.4	6.8

"C" – with clip

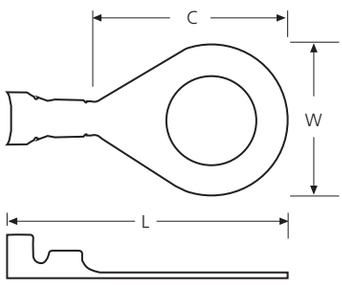
Uninsulated Disconnect - Male



Technical Table

Code	Stranded Wire Item No.	Dimensions		
		L	C	W
UDM	0.5 - 2.0	20.0	7.5	6.3

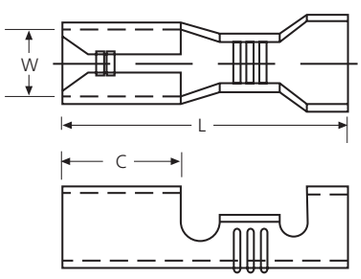
Uninsulated Ring Lug



Technical Table

Code	Stranded Wire Item No.	Dimensions		
		L	C	W
UR10	0.5 - 2.0	34.0	24.0	18.5
UR8		26.0	17.5	13.8
UR6		20.8	12.6	10.0
UR5		-		
UR4		19.4	11.2	8.5
UR3		15.6	9.4	7.0

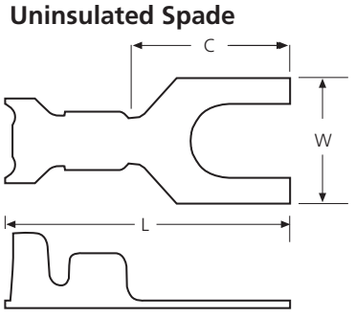
Uninsulated Bullet – Female / Male



Technical Table

Code	Stranded Wire Item No.	Dimensions		
		L	C	W
UULF4	0.5 - 2.0	17.0	6.7	3.95
UULM4		17.8	8.4	4.0

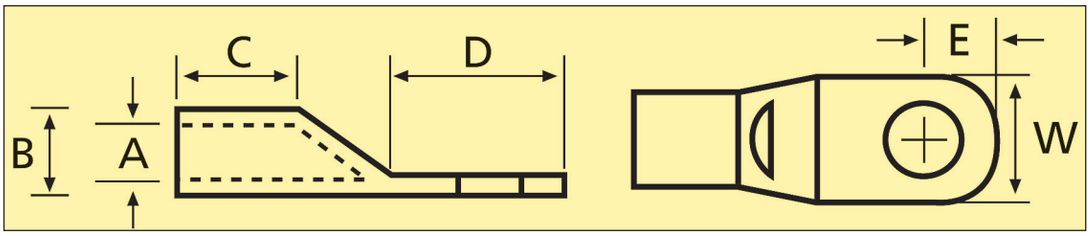
Uninsulated Spade



Technical Table

Code	Stranded Wire Item No.	Dimensions		
		L	C	W
U$4	0.5 - 2.0	22,0	6,8	6,60

HT Heavy Duty Lugs



Technical Table

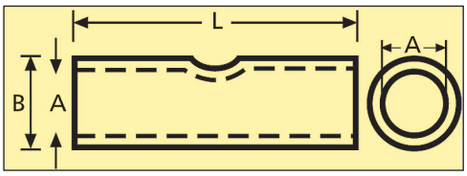
Cable Size (mm²)	Stud (mm)	Code	Dimensions (mm) Barrel A ID	B OD	t Thickness	C Length	Spade D Length	E Hole to End	W Width
1.5	3	HT13	1.9	3.8	0.95	7	9	5	7
	4	HT14					12		7
	5	HT15					12		8
	6	HT16					13	6	9
2.5	3	HT23	2.4	4.2	0.90	8	9	5	7
	4	HT24					12		7
	5	HT25					12		9
	6	HT26					13	6	10
	8	HT28					15	8	12
4	3	HT43	2.8	4.7	0.95	8	9	5	7
	4	HT44					12		7
	5	HT45					12		9
	6	HT46					13	6	10
	8	HT48					17	7	13
	10	HT410				11	19	8	14
6	4	HT64	3.4	5.3	0.95	9	12	5	8
	5	HT65					12	5	9
	6	HT66					13	6	10
	8	HT68					17	7	13
	10	HT610				11	20	8	15
10	5	HT105	4.4	6.3	0.95	11	12	5	9
	6	HT106					13	6	10
	8	HT108					17	8	13
	10	HT1010					19	8	15
	12	HT1012				12	20	10	19
16	5	HT165	5.5	7.6	1.05	12	13	6	11
	6	HT166					13	6	11
	8	HT168					18	8	13
	10	HT1610					20	8	15
	12	HT1612					25	11	18
	16	HT1616					27	13	24
25	6	HT256	6.9	9.0	1.05	15	16	6	14
	8	HT258					17	8	14
	10	HT2510					18	8	16
	12	HT2512					21	11	18
	16	HT2516					27	13	24
35	6	HT356	8.2	10.7	1.25	15	18	8	16
	8	HT358					18	9	
	10	HT3510					19	9	
	12	HT3512					22	10	18
	16	HT3516				16	30	13	24
50	6	HT506	10.0	12.8	1.40	16	18	8	18
	8	HT508				16	18	9	18
	10	HT5010				17	24	10	20
	12	HT5012				18	24	10	20
	14	HT5014					30	13	26
	16	HT5016							
	20	HT5020							

HT Heavy Duty Lugs

Technical Table

Cable Size (mm²)	Stud (mm)	Code	Dimensions (mm) Barrel A ID	B OD	t Thickness	C Length	Spade D Length	E Hole to End	W Width
70	8	HT708	11.7	15.0	1.65	21	20	10	21
	10	HT7010	↓	↓	↓	↓	26	11	22
	12	HT7012	↓	↓	↓	↓	28	12	22
	16	HT7016	↓	↓	↓	22	32	14	28
	20	HT7020	↓	↓	↓	22	34	15	30
95	8	HT958	13.5	17.4	1.95	23	24	10	25
	10	HT9510	↓	↓	↓	↓	26	13	26
	12	HT9512	↓	↓	↓	↓	28	13	26
	16	HT9516	↓	↓	↓	↓	32	14	28
	20	HT9520	↓	↓	↓	↓	36	16	30
120	10	HT12010	15.5	19.8	2.15	26	26	12	27
	12	HT12012	↓	↓	↓	↓	28	12	28
	16	HT12016	↓	↓	↓	↓	32	14	30
	20	HT12020	↓	↓	↓	↓	36	16	32
150	10	HT15010	17.0	22.0	2.50	27	31	12	31
	12	HT15012	↓	↓	↓	↓	33	16	32
	16	HT15016	↓	↓	↓	↓	35	↓	↓
	20	HT15020	↓	↓	↓	↓	36	↓	↓
185	10	HT18510	19.0	24.4	2.70	29	29	13	34
	12	HT18512	↓	↓	↓	↓	31	16	34
	16	HT18516	↓	↓	↓	↓	34	16	36
	20	HT18520	↓	↓	↓	↓	40	19	36
240	10	HT24010	21.5	27.7	3.10	33	38	16	40
	12	HT24012					↓	↓	
	16	HT24016							

HT Heavy Duty Ferrules



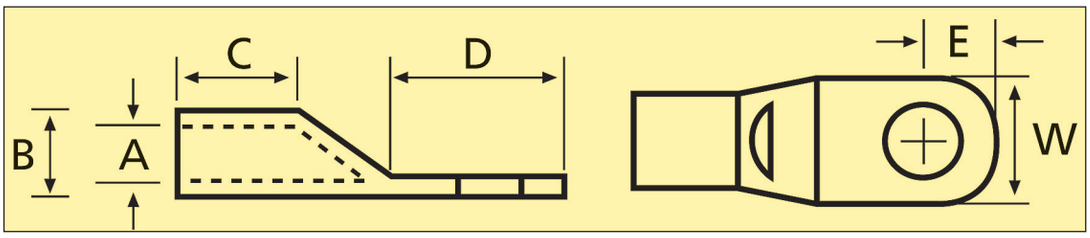
Random samples submitted to the SABS complied with SABS IEC1238-1:1993 and the relevant test report is freely available upon request.

The test report relates only to the items submitted for the actual test and it furnishes or implies no guarantee whatsoever in respect of similar items that have not been tested. The performance of the test and the issue of the test report do not imply approval by the SABS of the quality and/or performance of the items that have been tested but signifies that the items tested met the requirements of: SABS IEC1238-1:1993 / RCC NO: 0902175.

Technical Table

Cable Size (mm²)	Code	Dimensions A I.D	B OD	L Length
1.5	HT1F	1.9	3.8	12
2.5	HT2F	2.4	3.9	15
4	HT4F	2.8	4.7	15
6	HT6F	3.4	5.3	15
10	HT10F	4.4	6.3	22
16	HT16F	5.5	7.6	22
25	HT25F	6.9	9.0	24
35	HT35F	8.2	10.7	27
50	HT50F	10.0	12.8	30
70	HT70F	11.7	15.0	34
95	HT95F	13.5	17.4	38
120	HT120F	15.5	19.8	42
150	HT150F	17.0	22.0	48
185	HT185F	19.0	24.4	53
240	HT240F	21.5	27.7	60

HTB Standard Lugs



Technical Table

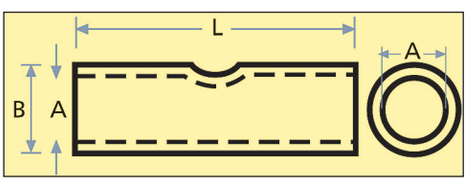
Cable Size (mm²)	Stud (mm)	Code	Dimensions (mm) Barrel A ID	Barrel B OD	Barrel t Thickness	Barrel C Length	Spade D Length	Spade E Hole to End	Spade W Width
1.5	3	HTB13	1.8	3.7	0.95	5	9	4	8
	4	HTB14	↓	↓	↓	↓	↓	↓	↓
	5	HTB15	↓	↓	↓	↓	↓	↓	↓
	6	HTB16	↓	↓	↓	↓	↓	↓	↓
2.5	3	HTB23	2.4	4.0	0.80	7	11	5	8
	4	HTB24	↓	↓		↓	↓	↓	8
	5	HTB25	↓	↓		↓	↓	↓	10
	6	HTB26	↓	↓		↓	↓	↓	10
	8	HTB28	↓	4.3	0.95	8	15	8	12
4	3	HTB43	3.1	4.8	0.85	7	11	5	10
	4	HTB44	↓	↓	↓	↓	↓	↓	↓
	5	HTB45	↓	↓	↓	↓	↓	↓	↓
	6	HTB46	↓	↓	↓	↓	↓	↓	↓
	8	HTB48	↓	4.9	0.90	8	17	7	13
	10	HTB410	↓	4.9	0.90	11	19	8	14
6	4	HTB64	3.4	5.1	0.85	9	11	5	10
	5	HTB65	↓	↓	↓	↓	11	5	10
	6	HTB66	↓	↓	↓	↓	15	6	12
	8	HTB68	↓	↓	↓	↓	15	6	12
	10	HTB610	↓	5.6	1.10	11	20	8	15
10	5	HTB105	4.5	6.2	0.85	9	13	6	12
	6	HTB106	↓	↓	↓	↓	13	↓	↓
	8	HTB108	↓	↓	↓	↓	15	↓	↓
	10	HTB1010	↓	6.6	1.05	11	19	8	15
	12	HTB1012	↓	6.6	1.05	12	20	10	19
16	5	HTB165	5.5	7.2	0.85	12	14	7	12
	6	HTB166	↓	↓	↓	↓	↓	↓	↓
	8	HTB168	↓	↓	↓	↓	↓	↓	↓
	10	HTB1610	↓	7.6	1.05	↓	20	8	15
	12	HTB1612	↓	↓	↓	↓	25	11	18
	16	HTB1616	↓	↓	↓	↓	27	13	24
25	6	HTB256	6.9	8.9	1.00	12	14	7	13
	8	HTB258	↓	↓	↓	↓	14	7	16
	10	HTB2510	↓	↓	↓	↓	21	10	18
	12	HTB2512	↓	9.4	1.25	15	21	11	18
	16	HTB2516	↓	9.4	1.25	15	27	13	24
35	6	HTB356	8.2	10.6	1.20	12	18	9	15
	8	HTB358	↓	↓	↓	↓	18	9	15
	10	HTB3510	↓	↓	↓	↓	21	10	18
	12	HTB3512	↓	↓	↓	↓	21	10	18
	16	HTB3516	↓	11.2	1.50	16	30	13	24
50	6	HTB506	10.0	12.9	1.45	16	21	10	18
	8	HTB508	↓	↓	↓	↓	↓	↓	18
	10	HTB5010	↓	↓	↓	↓	↓	↓	20
	12	HTB5012	↓	↓	↓	↓	↓	↓	20
	14	HTB5014	↓	↓	↓	↓	↓	13	26
	16	HTB5016	↓	↓	↓	↓	↓	↓	↓
	20	HTB5020	↓	↓	↓	↓	↓	↓	↓

HT Standard Lugs

Technical Table

Cable Size (mm²)	Stud (mm)	Code	Dimensions (mm) Barrel A ID	Barrel B OD	Barrel t Thickness	Barrel C Length	Spade D Length	Spade E Hole to End	Spade W Width
70	6	HTB706	11.7	15.2	1.75	18	25	12	21
	8	HTB708	↓	↓	↓	↓	↓	↓	↓
	10	HTB7010	↓	↓	↓	↓	↓	↓	↓
	12	HTB7012	↓	↓	↓	↓	32	14	28
	16	HTB7016	↓	↓	↓	↓	34	15	30
	20	HTB7020							
95	8	HTB958	13.5	17.4	1.95	20	26	13	25
	10	HTB9510	↓	↓	↓	↓	↓	↓	↓
	12	HTB9512	↓	↓	↓	↓	↓	↓	↓
	16	HTB9516	↓	↓	↓	23	32	14	28
	20	HTB9520	↓	↓	↓	23	36	16	30
120	8	HTB1208	15.5	19.8	2.15	22	28	14	28
	10	HTB12010	↓	↓	↓	↓	↓	↓	↓
	12	HTB12012	↓	↓	↓	↓	↓	↓	↓
	16	HTB12016	↓	↓	↓	↓	32	16	↓
	20	HTB12020	↓	↓	↓	↓	36	16	32
150	8	HTB1508	17.0	21.7	2.35	26	32	16	30
	10	HTB15010	↓	↓	↓	↓	↓	↓	↓
	12	HTB15012	↓	↓	↓	↓	↓	↓	↓
	16	HTB15016	↓	↓	↓	↓	↓	↓	↓
	20	HTB15020	↓	↓	↓	↓	36	↓	32
185	10	HTB18510	18.5	23.5	2.50	32	34	17	34
	12	HTB18512	↓	↓	↓	↓	↓	↓	↓
	16	HTB18516	↓	↓	↓	↓	↓	↓	↓
	20	HTB18520	↓	↓	↓	29	40	19	36
240	10	HTB24010	21.5	27.0	2.75	38	40	20	38
	12	HTB24012	↓	↓	↓	↓	↓	↓	↓
	16	HTB24016	↓	↓	↓	↓	↓	↓	↓
	20	HTB24020	↓	↓	↓	33	42	↓	40
300	10	HTB30010	24.5	31.0	3.25	42	44	22	43
	12	HTB30012	↓	↓	↓	↓	↓	↓	↓
	16	HTB30016	↓	↓	↓	↓	↓	↓	↓
	20	HTB30020	↓	↓	↓	35	45	18	45
400	Blank	HTB400	28.5	36.5	4.00	44	52	BLANK	50
500	Blank	HTB500	31.5	40.5	4.50	48	56	BLANK	56
630	Blank	HTB630	35.0	45.0	5.00	56	66	BLANK	65

HTB Standard Ferrules



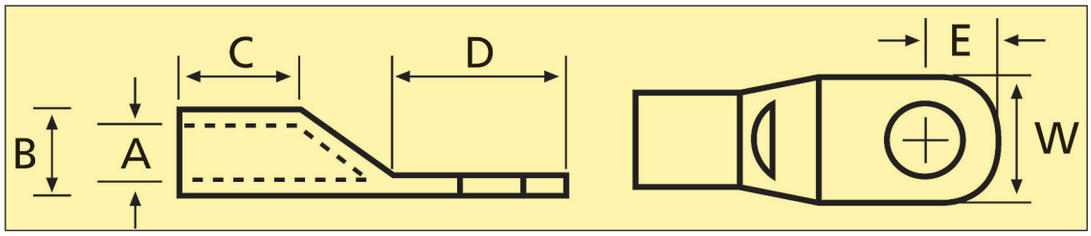
Random samples submitted to the SABS complied with SABS IEC61238 and the relevant test report is freely available upon request.

The test report relates only to the items submitted for the actual test and it furnishes or implies no guarantee whatsoever in respect of similar items that have not been tested. The performance of the test and the issue of the test report do not imply approval by the SABS of the quality and/or performance of the items that have been tested but signifies that the items tested met the requirements of:
SABS IEC61238 / AUTHORISATION NO: 0902175.

Technical Table

Cable Size (mm²)	Code	Dimensions A I.D	B OD	L Length
1.5	HTB1F	1.8	3.7	12
2.5	HTB2F	2.4	4.0	15
4	HTB4F	3.1	4.8	15
6	HTB6F	3.4	5.1	15
10	HTB10F	4.5	6.2	22
16	HTB16F	5.5	7.2	22
25	HTB25F	6.9	8.9	24
35	HTB35F	8.2	10.6	27
50	HTB50F	10.0	12.9	30
70	HTB70F	11.7	15.2	34
95	HTB95F	13.5	17.4	38
120	HTB120F	15.5	19.8	42
150	HTB150F	17.0	21.7	48
185	HTB185F	18.5	23.5	53
240	HTB240F	21.5	27.0	60
300	HTB300F	24.5	31.0	67
400	HTB400F	28.5	36.5	80
500	HTB500F	31.5	40.5	90
630	HTB630F	35.0	49.0	110

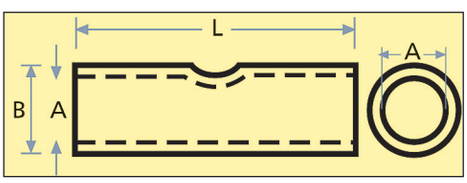
XLPE Lugs



Technical Table

Cable Size (mm²)	Stud (mm)	Code	Dimensions (mm) Barrel A ID	B OD	t Thickness	Spade C Length	D Length	E Hole to End	W Width
35	8	HTX35-8	7.3	10.5	2.0	16.0	24.0	11.0	19.0
	10	HTX35-10	↓	↓	↓	↓	↓	↓	↓
	13	HTX35-12	↓	↓	↓	↓	↓	↓	↓
50	8	HTX50-8	8.8	12.3	3.0	20.0	24.0	11.0	19.0
	10	HTX50-10	↓	↓	↓	↓	↓	↓	↓
	12	HTX50-12	↓	↓	↓	↓	↓	↓	↓
70	10	HTX70-10	10.4	14.6	4.2	210	27.0	12.0	20.0
	12	HTX70-12	↓	↓	↓	↓	↓	↓	↓
95	10	HTX95-10	12.1	17.0	4.7	24.0	28.0	13.0	24.0
	12	HTX95-12	↓	↓	↓	↓	↓	↓	↓
120	12	HTX120-12	14.0	19.1	5.0	26.0	18.0	1.30	26.0
150	12	HTX150-12	15.3	21.3	5.8	31.0	37.0	15.0	30.0
185	12	HTX185-12	17.0	23.7	6.4	34.0	40.0	16.0	33.0
240	12	HTX240-12	20.0	27.1	7.2	34.0	41.0	16.0	37.0
300	12	HTX300-12	21.6	30.5	9.0	38.0	48.0	16.0	42.0
400	16	HTX400-16	24.5	34.6	10.2	51.0	49.0	21.0	48.0
500	16	HTX500-16	28.5	38.9	10.5	510	52.0	25.0	54.0
630	16	HTX630-16	33.0	45.0	12.0	53.0	65.0	28.0	64.0

XLPE Ferrules



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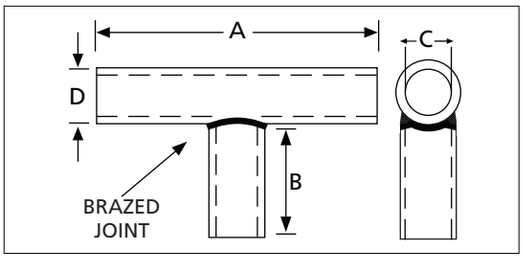
SABS IEC61238 / Authorisation No: 0902175.

Technical Table

Cable Size (mm²)	Code	Dimensions A I.D	B OD	L Length
35	HTFX35	7.3	10.5	38.0
50	HTFX50	8.8	12.3	42.0
70	HTFX70	10.4	14.6	43.0
95	HTFX95	12.1	17.0	45.0
120	HTFX120	14.0	19.1	55.0
150	HTFX150	15.3	21.3	58.0
185	HTFX185	17.0	23.7	64.0
240	HTFX240	20.0	27.1	70.0
300	HTFX300	21.6	30.5	75.0
400	HTFX400	24.5	34.6	80.0
500	HTFX500	28.5	38.9	90.0
630	HTFX630	33.0	45.0	100.0

T Ferrules

	Dimensions (mm)			
Code	A	B	C	D
HT2TF	18.5	9.5	2.4	3.9
HT4TF	21.0	10.0	2.8	4.7
HT6TF	32.0	15.0	3.4	5.3
HT10TF	44.0	20.0	4.4	6.3
HT16TF	56.0	25.0	5.5	7.6
HT25TF	70.0	30.0	6.9	9.0
HT35TF	74.0	32.0	8.2	10.7
HT50TF	78.0	34.0	10.0	12.8
HT70TF	86.0	36.0	11.7	15.0
HT95TF	94.0	38.0	13.5	17.4
HT120TF	105.0	40.0	15.5	19.8



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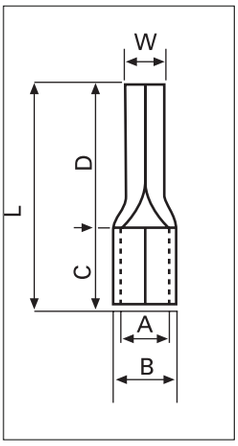
RCC NO: 0902175

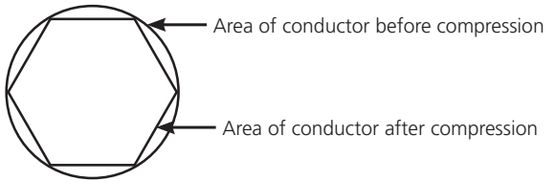
HT Pin Terminals

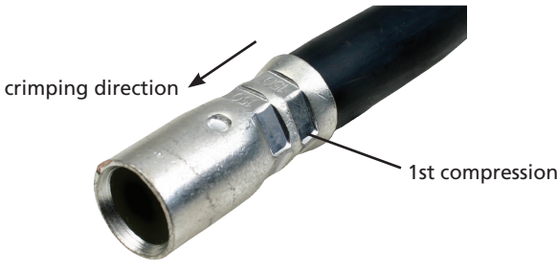
	Dimensions (mm)						
Code	Size (mm)	A	B	C	D	L	W
HTPTNB513	6	3.4	5.6	6.0	14.0	20.0	2.8
HTPTNB10121	10	4.5	6.9	8.0	14.0	22.0	4.3
HTPTNB1613	16	5.8	8.4	10.0	16.0	26.0	5.5
HTPTNB2515	25	7.0	9.5	13.5	20.0	33.5	6.8
HTPTNB3520	35	8.4	11.8	16.0	24.5	40.5	8.0
HTPTNB5012	50	9.6	13.6	19.0	26.0	45.0	9.5
HTPTNB7025	70	11.4	15.8	24.0	31.0	55.0	11.0
HTPTNB9525	95	13.5	18.9	24.0	31.0	55.0	12.5



Important Crimping Points

A compression terminal with little material can be crimped with a crimp die designed for this geometry. The same terminal crimped with another die from a different system, where the die is designed for a terminal with a larger barrel, would result in lower crimp reduction which would cause overheating due to poor electrical contact.



Assembly Instructions for Cable Lugs and Ferrules

- Strip conductor according to insertion depth (+ 10% because of length changing of crimp sleeve)
- Conductor ends must be cleaned before termination
- Insert conductor fully into cable lug or ferrule
- Observing the crimping direction (see pic below), crimp the cable lug or ferrule using the appropriate crimping tool