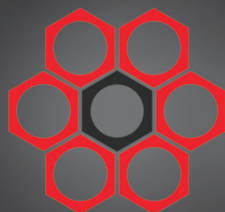


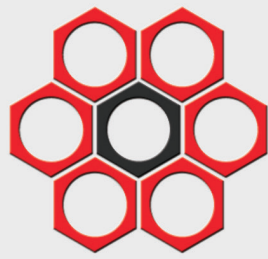


BBBEE
LEVEL 2
CONTRIBUTOR



Stone - Stamcor
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PROFILE

The Company was first established in 1942 as J Stone & Co (Africa) (Pty) Ltd and was renamed Stone-Stamcor (Pty) Ltd in 1965.

Our Head Office is located in Sebenza, Edenvale, Gauteng with 4000m² of factory and administration facilities. We are nationally supported by regional sales branches in Durban and Cape Town. Stone-Stamcor has a wide product range supplying the electrical and mechanical Industries.

The core business of the Electrical Division is the manufacture of a comprehensive range of Copper and Aluminium Compression Cable Connectors (Lugs and Ferrules) for fitment to cable conductors.

These products are supplemented with other types of connectors for earthing and customer specific solutions for special applications. Stone-Stamcor also supply a full range of compression crimping and cable cutting tools.

The Mechanical Division represents a number of renowned international companies & quality brands and can supply a range of industrial gearboxes, motors, linear motion control products, converting industry products and rotating unions to name a few.

Stone-Stamcor is an ISO 9001 certified company – certified by the BSI Group.

In addition Stone-Stamcor is a SANAS accredited BBBEE certified company.

OUR MISSION

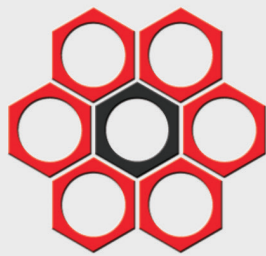
To know and understand our role in the supply chain.

To aspire to be the preferred provider by supply of quality and cost competitive products and providing service excellence.

To provide a work environment and job security for our employees through entrenchment of ethical labour practices, sound corporate governance and compliance with statutory legislation requirements.

To establish and maintain a management system that provides the customer assurance of meeting and exceeding their requirements.





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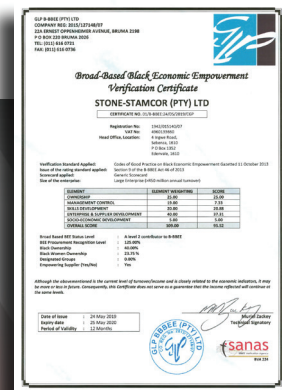
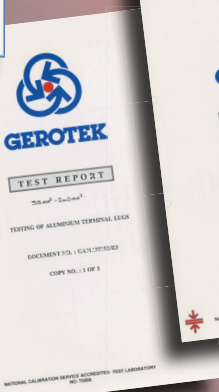
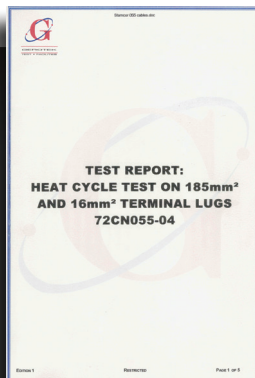
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Compression Connectors

Stone-Stamcor compression connectors have been designed to ensure reliable and controllable electrical connections which can be inspected on installation.

The copper compression connectors are manufactured from high-conductive electrolytic copper which are tin plated. The connector design has been matched to the cable size to provide the necessary electrical performance as well as mechanical strength.

Copper compression lugs are recommended for use on copper conductors. Aluminium compression connectors are recommended for use on aluminium conductors. Bi-Metallic connections are recommended when an aluminium conductor is connect to copper conductor or terminated to copper terminals.

There are two basic compression methods available, hexagonal and indent.

After compression virtually all the air is effectively removed leaving a tight homogeneous mass of conductor and connector.

The hexagonal crimp method compresses the cable into hexagonal shapes forming a solid mass between the cable strands and the connector. Quality control is guaranteed on installation as the hexagonal crimp can be measured and compared to the A/F (Across Flats) of the dies, ensuring the correct die selection has been made, this could also verify the serviceability of the crimp tool being used.

The indent type crimp method can be used on any application except for PVC (Polyvinylchloride) insulated terminals such as ABC (Arial Bundle Cable) connectors and splices. This method is an excellent means of terminating flexible and welding cable. The result is a crimp with high pull out strength and an excellent electrical connection.

The correct tooling selection is essential, ensuring proper installation of the compression connector. As the connectors and dies are designed as a unit for specific wire / cable sizes, only the recommended tools and dies should be used.

Stone-Stamcor has a wide range of crimp tools available which includes ratchet, mechanical, hydraulic or battery. Some have permanent die grooves, rotary or change of die sets for each connector.

Stone-Stamcor compression connectors have been tested by an independent test laboratory to SANS IEC 61238-1.





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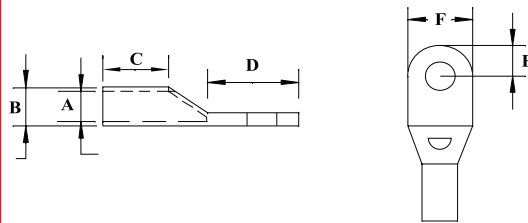
LOCALLY MANUFACTURED
**Quality XLPE, Copper/Aluminium
Lugs & Ferrules**

Tested to SANS IEC 61238-1

www.stonestamcor.co.za


TABLE 1 - LUGS FOR STRANDED CONDUCTOR/CABLE
NOTE:

1. The nominal area of the circular stranded conductor (Table 1) is that of the nominal lug or ferrule size.
2. For flexible cables the next highest lug or ferrule size in relation to area (Table 1) must be used.
3. For compacted cable the heavy duty lugs and ferrules as shown in Tables 2 and 5 must be used.

DIMENSIONS


Cat No Stock Code		Typical Conductors			mm	Nominal Dimensions mm					
		Nominal Lug Size mm ²	Circular Stranded mm ²	Flexible Stud Size *** mm ²		Barrel			Spade		
						A	B	C	D	E	F
						I.D	O.D	Length	Length	Hole Pos.	Width
1.5/3	LS0010	1.5	3/0.82	1	3				9	4.5	7
1.5/4	LS0020				4	1.9	3.8	7	12	4.5	7
1.5/5	LS0030				5				12	4.5	8
1.5/6	LS0040				6				13	5.5	9
2.5/3	LS0060	2.5	7/0.69	1.5	3				8.5	4.5	7
2.5/4	LS0070				4				12	4.5	7
2.5/5	LS0080				5	2.4	3.9	7.3	12	4.5	9
2.5/6	LS0090				6				13	5.5	9.5
2.5/8	LS0100	4	7/0.88	2.5	8				15	7.5	12
4/3	LS0110				3				9	4.5	7
4/4	LS0120				4				12	4.5	7
4/5	LS0130				5	2.8	4.7	8	12	4.5	8.5
4/6	LS0140				6				13	5.5	10
4/8	LS0150				8				17	6.5	13
4/10	LS0160	6	7/1.08	4	10			11	19	7.5	14
6/4	LS0170				4				12	4.5	7.5
6/5	LS0180				5				12	4.5	8.5
6/6	LS0190				6	3.4	5.3	8.5	13	5.5	9.5
6/8	LS0200				8			9.3	17	7	13
6/10	LS0210				10			11	19	7.5	15
10/5	LS0220	10	7/1.38	6	5			10.5	12	4.5	9
10/6	LS0230				6			10.5	13	6	10
10/8	LS0240				8	4.4	6.3	11	17	7.5	13
10/10	LS0250				10			11	19	7.5	15
10/12	LS0260	16	7/1.79	10	12			12	20	10	19
16/5	LS0270				5				13	5.5	10.5
16/6	LS0280				6				13	5.5	11
16/8	LS0290				8	5.5	7.6	12	18	7.5	13
16/10	LS0300				10				20	7.5	15
16/12	LS0310				12				25	10.5	18
16/16	LS0320	25	19/1.33	16	16				27	13	24
25/6	LS0330				6				16	6	14
25/8	LS0340				8				17	8	14
25/10	LS0350				10	6.9	9	15	18	8	16
25/12	LS0360				12				21	11	18
25/16	LS0370	35	14/1.57	25	16				27	13	24
35/6	LS0380				6			15	18	8	16
35/8	LS0390		8				15	18	9	16	
35/10	LS0400		19/1.57		10	8.2	10.7	15	19	9	16
35/12	LS0410				12			15	22	10	18
35/16	LS0420	16				16	30	13	24		

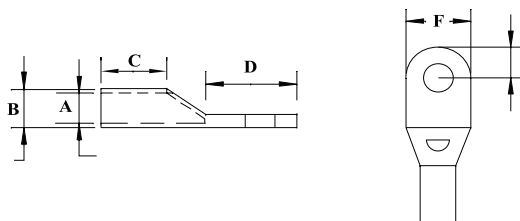
* Hole position to be specified by customer

** Stud sizes will be to customer requirements

*** Use indent compression for Flexible Stranded

TABLE 1 (continued) - LUGS FOR STRANDED CONDUCTOR/CABLE
NOTE:

1. The nominal area of the circular stranded conductor (Table 1) is that of the nominal lug or ferrule size.
2. For flexible cables the next highest lug or ferrule size in relation to area (Table 1) must be used.
3. For compacted cable the heavy duty lugs and ferrules as shown in Tables 2 and 5 must be used.

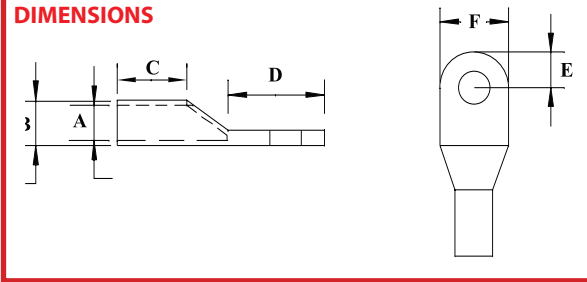
DIMENSIONS


Cat No Stock Code		Typical Conductors			Stud Size mm	Nominal Dimensions mm					
		Nominal Lug Size mm ²	Circular Stranded mm ²	Flexible Stranded ***mm ²		Barrel			Spade		
						A	B	C	D	E	F
						I.D	O.D	Length	Length	Hole Pos.	Width
50/6	LS0430	50	19/1.82	35	6			16	17	8	18
50/8	LS0440				8			16	17	9	18
50/10	LS0450				10			17	24	10	20
50/12	LS0460		12		10	12.8	18	24	10	20	
50/16	LS0470		16				18	30	13	26	
50/20	LS0480		20				18	30	13	26	
70/8	LS0490	70	18/2.25	50	8			20.5	20	9.5	21
70/10	LS0500		10				21	26	11	22	
70/12	LS0510		12		11.7	15	21	28	12	22	
70/16	LS0520		16				22	32	14	28	
70/20	LS0530		20				22	34	15	30	
95/8	LS0540	95	36/1.86	70	8				24	9.5	25
95/10	LS0550		10					26	13	26	
95/12	LS0560		12		13.5	17.4	23	28	13	26	
95/16	LS0570		16					32	14	28	
95/20	LS0580		20					36	16	30	
120/10	LS0590	120	36/2.08	70/95	10				26	12	27
120/12	LS0600		37/2.10		12	15.5	19.8	26	28	12	28
120/16	LS0610				16				32	14	30
120/20	LS0620				20				36	16	32
150/10	LS0630	150	36/2.34	95/120	10				31	12	31
150/12	LS0640		37/2.30		12	17	22	27	33	16	32
150/16	LS0650				16				35	16	32
150/20	LS0660				20				36	16	32
185/10	LS0670	185	37/2.58	120/150	10				29	12.5	34
185/12	LS0680				12	19	24.4	29	31	16	34
185/16	LS0690				16				34	16	36
185/20	LS0700				20				40	19	36
240/10	LS0710	240	61/2.30	150/185	10				36	16	40
240/12	LS0720				12	21.5	27.7	33	36	16	40
240/16	LS0730				16				38	20	40
240/20	LS0740				20				42	20	40
300/0	LS0745	300	61/2.52	185/240					45	*	45
300/10	LS0750				10				35	15	45
300/12	LS0760				12	24.5	31.3	35	35	15	45
300/16	LS0770				16				45	15	45
300/20	LS0780				20				45	18	45
400/0	LS0790	400	61/2.91	240/300		27.5	35.6	41	47	*	49
400/16	LS0795				16				47	24	51
500/0	LS0800	500	91/2.67	300/400	**	31.6	40	41.5	54	*	58
630/0	LS0810	630	127/2.54	400/500	**	34.5	44.6	53	65	*	64
800/0	LS0820	800	127/2.87	630	**	40	51.2	68	75	*	73
1000/0	LS0830	1000	127/3.22		**	44	56.6	75	75	*	81

* Hole position to be specified by customer

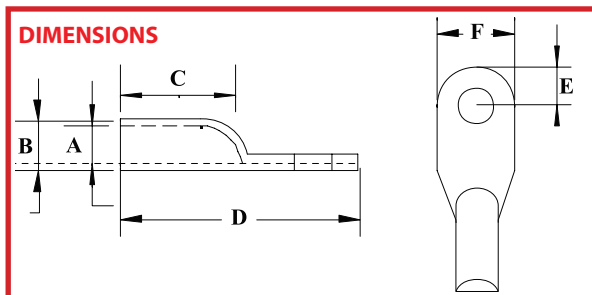
** Stud sizes will be to customer requirements

*** Use indent compression for Flexible Stranded

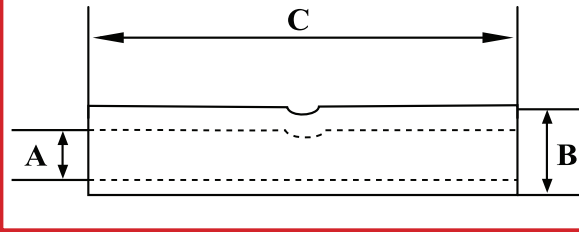
TABLE 2 - HEAVY DUTY LUGS FOR COMPACTED XLPE CABLE
DIMENSIONS


Cat No	Stock Code	Nominal Lug Size mm ²	SABS 1339-2010 Nominal Dia Over Cond.	Stud Size mm	Nominal Dimensions mm					
					Barrel			Spade		
					A I.D	B O.D	C Length	D Length	E Hole Pos.	F Width
L35	XL0050	35	7.10	**	7.30	10.50	16.00	24.00	11.00	19.00
L50	XL0090	50	8.50	**	8.75	12.30	20.00	24.00	11.00	19.00
L70	XL0120	70	10.10	**	10.40	14.60	21.00	27.00	14.00	20.00
L95	XL0180	95	11.80	**	12.10	17.00	24.00	28.00	14.00	24.00
L120	XL0240	120	13.20	**	14.00	19.10	26.00	28.00	14.00	26.00
L150	XL0290	150	14.80	**	15.25	21.30	31.00	37.00	18.00	30.00
L185	XL0330	185	16.40	**	17.00	23.70	34.00	40.00	19.00	33.00
L240	XL0380	240	18.70	**	20.00	27.10	34.00	41.00	19.00	37.00
L300	XL0420	300	20.90	**	21.63	30.50	38.00	48.00	20.00	42.50
L400	XL0460	400	24.10	**	24.50	34.60	51.00	49.00	23.50	48.00
L500	XL0480	500	27.00	**	28.50	38.90	51.00	52.00	25.00	54.00
L630	XL0490	630		**	33.00	45.00	53.00	65.00	28.00	64.00

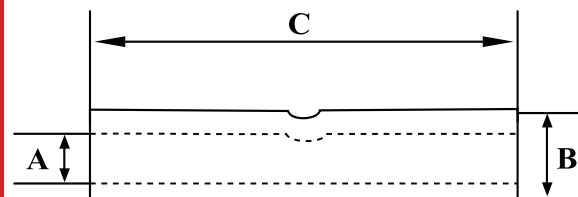
** Stud sizes will be to customer requirements

TABLE 3 - SOLDER LUGS
DIMENSIONS


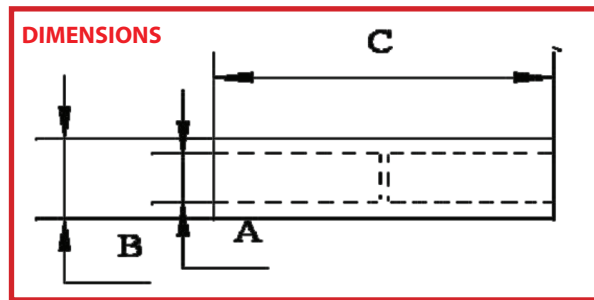
Cat No	Stock Code	Nominal Lug Size mm ²	Stud Size mm	Barrel			Overall	Spade	
				A	B	C		E	F
				I.D	O.D	Length	Length	Hole Pos.	Width
60AMP	SL5010	50	10	9.55	11.36	15.00	47.00	9.60	17.00
100AMP	SL5020	70	11	11.88	13.96	17.00	59.00	12.80	20.50
150AMP	SL5030	95	12	14.30	17.20	20.00	68.00	14.20	25.50
200AMP	SL5040	120	14	16.70	19.90	28.00	78.00	17.60	29.50
300AMP	SL5060	150	17	20.65	24.40	33.00	87.00	20.70	36.00
400AMP	SL5070	240	20	23.80	27.86	36.00	104.00	23.80	41.50
500AMP	SL5080	300	21	26.18	31.50	40.00	108.00	27.20	46.00

TABLE 4 - FERRULES FOR STRANDED CONDUCTOR CABLE
DIMENSIONS


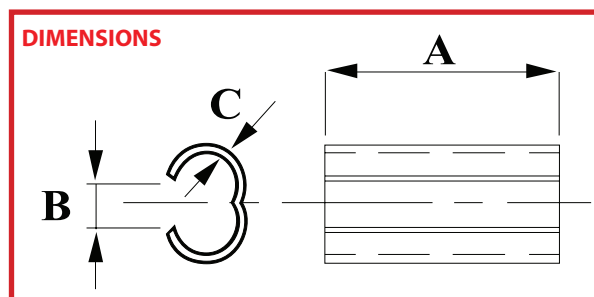
Cat No	Stock Code	Nominal Dimensions mm			Typical Conductors Circular Stranded mm	Nominal Sleeve Size mm ²
		A I.D	B O.D	C Length		
F1.5	FS0010	1.9	3.8	13.	03/0.82	1.5
F2.5	FS0020	2.4	3.9	14.0	7/0.69	2.5
F4	FS0030	2.8	4.7	16.0	7/0.86	4
F6	FS0040	3.4	5.3	18.0	7/1.08	6
F10	FS0050	4.4	6.3	20.0	7/1.38	10
F16	FS0060	5.5	7.6	22.0	7/1.79	16
F25	FS0070	6.9	9	25.0	18/1.33	25
F35	FS0080	8.2	10.7	28.0	18/1.57	35
F50	FS0090	10	12.8	31.0	19/1.82	50
F70	FS0100	11.7	15	35.0	19/2.19	70
F95	FS0110	13.5	17.4	39.0	37/1.90	95
F120	FS0120	15.5	19.8	43.0	37/2.10	120
F150	FS0130	17	22	48.0	37/2.30	150
F185	FS0140	19	24.4	54.0	37/2.58	185
F240	FS0150	21.5	27.7	60.0	61/2.30	240
F300	FS0160	24.5	31.3	67.0	61/2.52	300
F400	FS0170	27.5	35.6	80.0	62/2.91	400
F500	FS0180	31.6	40	90.0	91/2.67	500
F630	FS0190	34.5	44.6	110.0	127/2.54	630
F800	FS0200	40	51.2	130.0	127/2.87	800
F1000	FS0210	44	56.6	154.0	127/3.22	1000

TABLE 5 - HEAVY DUTY FERRULES FOR COMPACTED XLPE CABLE
DIMENSIONS


Cat No	Stock Code	Nominal Dimensions mm			Nominal Sleeve Size mm ²
		A I.D	B O.D	C Length	
F35	XF0020	7.30	10.50	38.00	35.00
F50	XF0030	8.75	12.30	42.00	50.00
F70	XF0040	10.40	14.60	43.00	70.00
F95	XF0050	12.10	17.00	45.00	95.00
F120	XF0060	14.00	19.10	55.00	120.00
F150	XF0070	15.25	21.30	58.00	150.00
F185	XF0080	17.00	23.70	64.00	185.00
F240	XF0090	20.00	27.10	70.00	240.00
F300	XF0100	21.63	30.50	75.00	300.00
F400	XF0110	24.50	34.60	80.00	400.00
F500	XF0120	28.50	38.90	90.00	500.00
F630	XF0130	33.00	45.00	100.00	630.00

TABLE 6 - SOLID CENTRE (BARRIER) FERRULES


Cat No	Stock Code	Nominal Dimensions mm			Typical Conductors Circular Stranded mm	Nominal Sleeve Size mm ²
		A I.D.	B O.D.	C Length		
F10	SS0020	4.4	6.3	26	7/1.36	10
F16	SS0030	5.5	7.6	31	7/1.72	16
F25	SS0040	6.9	9	32	18/1.35	25
F35	SS0050	8.2	10.7	38	18/1.59	35
F50	SS0060	10	12.8	42	18/1.90	50
F70	SS0070	11.7	15	44	18/2.25	70
F95	SS0080	13.5	17.4	46	36/1.86	95
F120	SS0090	15.5	19.8	55	36/2.08	120
F150	SS0100	17	22	58	36/2.34	150
F185	SS0110	19	24.4	64	36/2.59	185
F240	SS0120	21.5	27.7	68	60/2.23	240
F300	SS0130	24.5	31.3	80	60/2.55	300

TABLE 7 - WEAKBACK FERRULES FOR STRANDED CONDUCTOR CABLE


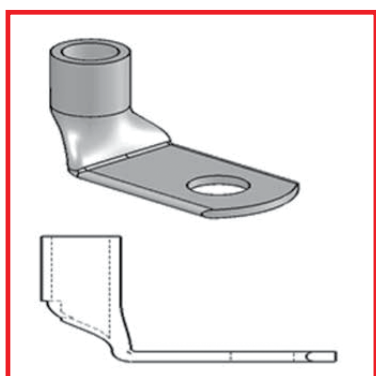
SIZE	STK CODE	A	B	C
		LENGTH	MIN. INSIDE	WALL TH.
16	WF 0010	26	7	0.70
25	WF 0020	30	8	1.05
35	WF 0030	36	12	1.25
50	WF 0040	45	14	1.40
70	WF 0050	46	16	1.65
95	WF 0060	51	17	1.95
120	WF 0070	56	20	2.15
150	WF 0080	61	21	2.50
185	WF 0090	69	22	2.70
240	WF 0100	80	23	3.10
300	WF 0110	90	24	3.40
400	WF 0120	96	28	4.05



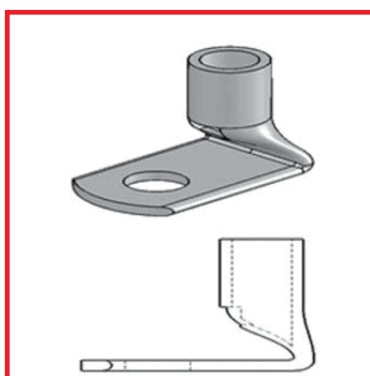
SPECIAL APPLICATION LUGS AND FERRULES

Special application products can be developed to suit a customers specific application.

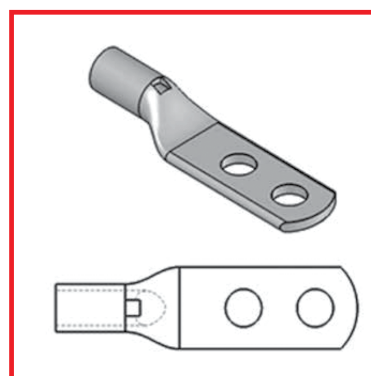
Examples of these are detailed below which are manufactured to the customers dimensions.



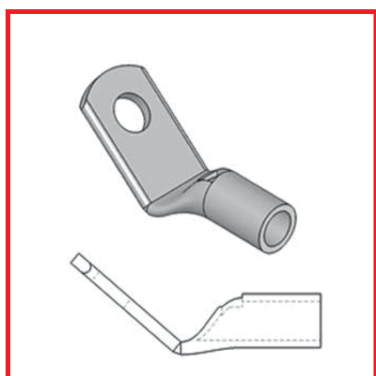
90° Outward Spade



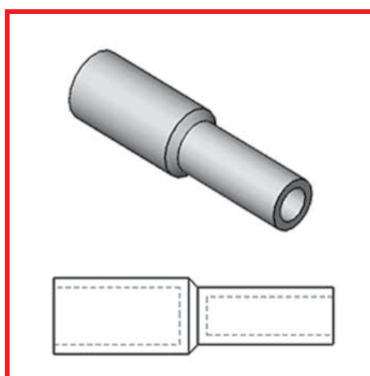
90° Inward Spade



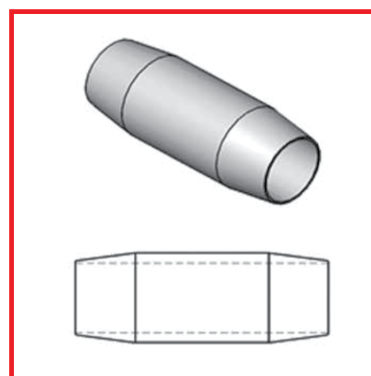
Long Spade Double Hole



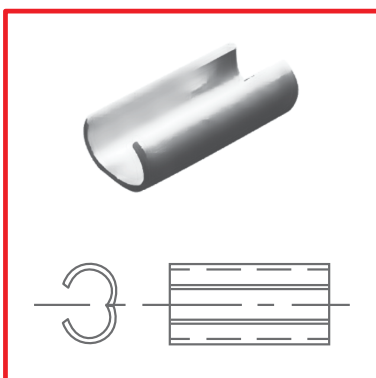
Angled Spade



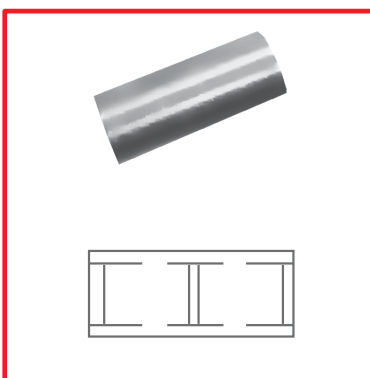
Reducing Ferrule



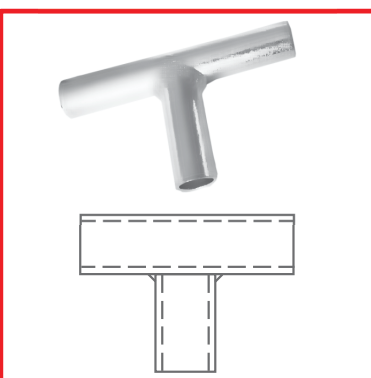
Tapered ferrule



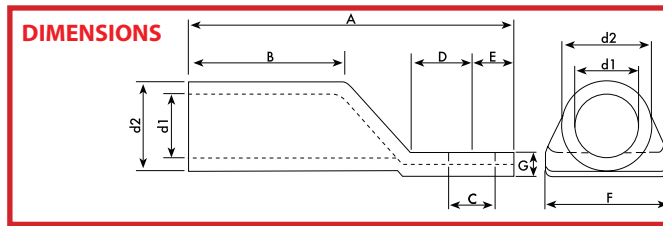
Weakback Ferrule



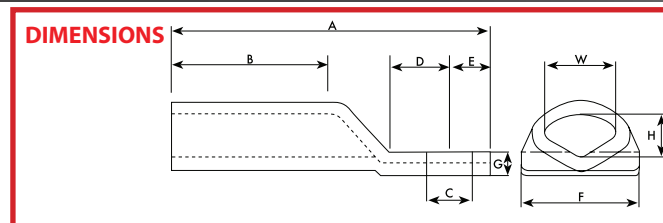
Solid Centre Ferrule



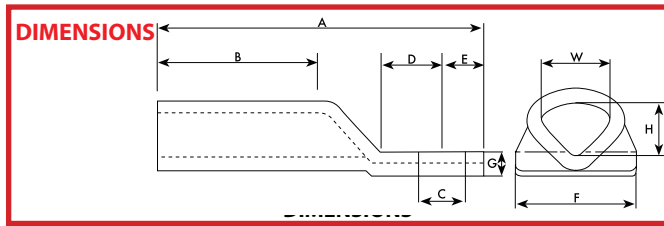
T Ferrule Brazed

TABLE 1A - ALUMINIUM ROUND LUGS FOR STRANDED CONDUCTOR


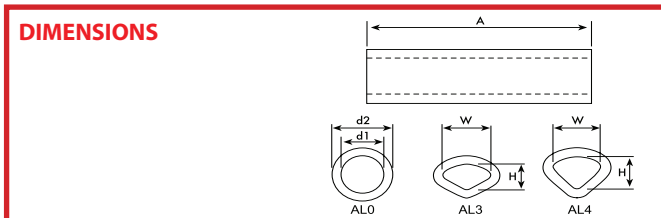
Cable mm ²	Stud Size	Catalogue Number	A	B	C	D	E	Palm Width "F"	Palm Thick "G"	d1	d2
25	8	AL0-25-8	65	28	8.4	17	12	17.0	4.0	7.0	11.3
	10	AL0-25-10			10.4			21.0	3.0		
	12	AL0-25-12			12.5						
35	8	AL0-35-8	70	30	8.4	17	12	21.0	3.5	8.3	12.9
	10	AL0-35-10			10.4			20.0	4.5		
	12	AL0-35-12			12.5				3.5		
50	10	AL0-50-10	70	32	10.4	17	12	24.5	3.5	9.9	14.7
	12	AL0-50-12			12.5			25.0	5.0		
	16	AL0-50-16			16.5						
70	10	AL0-70-10	78	36	10.4	17	12	28.5	5.5	13.7	19.7
	12	AL0-70-12			12.5			31.0	6.5		
	16	AL0-70-16			16.5						
95	10	AL0-95-10	85	39	10.4	17	12	35.0	7.0	17.2	24.7
	12	AL0-95-12			12.5			38.0	7.5		
	16	AL0-95-16			16.5						
120	10	AL0-120-10	92	45	10.4	17	12	43.5	9.0	21.8	31
	12	AL0-120-12			12.5			49.0	9.5		
	16	AL0-120-16			16.5						
150	12	AL0-150-12	103	48	12.5	20	16	43.5	9.0	21.8	31
	16	AL0-150-16			16.5			49.0	9.5		
	20	AL0-150-20			20.5						
185	12	AL0-185-12	110	53	12.5	20	16	43.5	9.0	21.8	31
	16	AL0-185-16			16.5			49.0	9.5		
	20	AL0-185-20			20.5						
240	On Request	AL0-240-0	118	57	On Request	22	18	43.5	9.0	21.8	31
300	On Request	AL0-300-0	132	62	On Request	25	20	49.0	9.5	24.9	35

TABLE 2A - ALUMINIUM 3 CORE SECTOR SHAPED CABLE LUGS


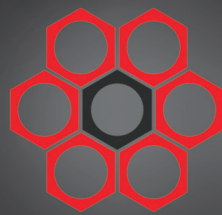
Cable mm ²	Stud Size	Catalogue Number	A	B	C	D	E	Palm Width "F"	Palm Thick "G"	Height "H"	Width "W"
25	8	AL3-25-8	65	28	8.4	17	12	15.0	4.0	5.20	8.73
	10	AL3-25-10			10.4			21.0	3		
	12	AL3-25-12			12.5						
35	8	AL3-35-8	70	30	8.4	17	12	17.5	4.5	5.90	10.05
	10	AL3-35-10			10.4			21.0	3.5		
	12	AL3-35-12			12.5						
50	10	AL3-50-10	70	32	10.4	17	12	22.0	4.5	7.35	11.85
	12	AL3-50-12			12.5			26.0	3.5		
	16	AL3-50-16			16.5						
70	10	AL3-70-10	78	36	10.4	17	12	24.0	5.0	8.50	14.10
	12	AL3-70-12			12.5			26.0	4.5		
	16	AL3-70-16			16.5						
95	10	AL3-95-10	82	39	10.4	17	12	28.0	6.0	9.55	16.35
	12	AL3-95-12			12.5			31.0	6.5		
	16	AL3-95-16			16.5						
120	10	AL3-120-10	88	45	10.4	17	12	31.0	6.5	11.05	18.50
	12	AL3-120-12			12.5			34.0	7.0		
	16	AL3-120-16			16.5						
150	12	AL3-150-12	100	48	12.5	20	16	34.0	7.0	12.15	20.60
	16	AL3-150-16			16.5			38.0	8.0		
	20	AL3-150-20			20.5						
185	12	AL3-185-12	106	53	12.5	20	16	38.0	8.0	13.40	22.40
	16	AL3-185-16			16.5			43.5	8.5		
	20	AL3-185-20			20.5						
240	On Request	AL3-240-0	118	57	On Request	22	18	43.5	8.5	15.55	26.05
300	On Request	AL3-300-0	132	62	On Request	25	20	49.0	10.0	17.35	29.00

TABLE 3A - ALUMINIUM 4 CORE SECTOR SHAPED CABLE LUGS


Cable mm ²	Stud Size	Catalogue Number	A	B	C	D	E	Palm Width "F"	Palm Thick "G"	Height "H"	Width "W"
25	8	AL4-25-8	65	25	8.4	17	12	15.0	4.0	5.80	7.88
	10	AL4-25-10			10.4						
	12	AL4-25-12			12.5			21.0	3		
35	8	AL4-35-8	70	30	8.4	17	12	17.5	4.5	7.10	9.70
	10	AL4-35-10			10.4						
	12	AL4-35-12			12.5			21.0	3.5		
50	10	AL4-50-10	70	32	10.4	17	12	20.0	4.5	8.90	10.80
	12	AL4-50-12			12.5						
	16	AL4-50-16			16.5			26.0	3.5		
70	10	AL4-70-10	78	36	10.4	17	12	23.0	5.0	9.30	13.00
	12	AL4-70-12			12.5						
	16	AL4-70-16			16.5			26.0	4.5		
95	10	AL4-95-10	85	39	10.4	17	12	27.5	5.7	10.85	15.10
	12	AL4-95-12			12.5						
	16	AL4-95-16			16.5						
120	10	AL4-120-10	88	45	10.4	17	12	31.0	6.5	12.50	17.00
	12	AL4-120-12			12.5						
	16	AL4-120-16			16.5						
150	12	AL4-150-12	100	48	12.5	20	16	34.5	7.2	13.80	18.80
	16	AL4-150-16			16.5						
	20	AL4-150-20			20.5						
185	12	AL4-185-12	106	53	12.5	20	16	38.5	8.0	15.25	21.00
	16	AL4-185-16			16.5						
	20	AL4-185-20			20.5						
240	On	AL4-240-0	118	57	On	22	18	43.5	8.5	17.35	23.80
300	Request	AL4-300-0	132	62	Request	25	20	49.0	9.7	19.50	26.40

TABLE 4A - ALUMINIUM FERRULES


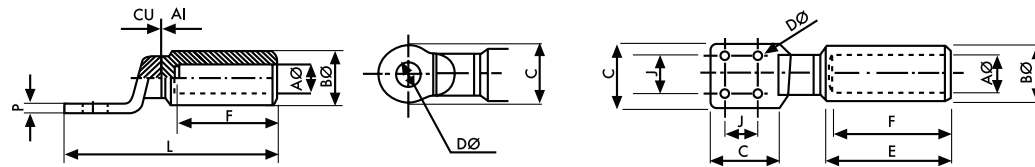
Cable mm ²	Catalogue Numbers	d1	d2	Catalogue Numbers	H	W	Catalogue Numbers	H	W	A
	Stranded			3-Core Sectorial			4-Core Sectorial			
25	AL0-F-25	7.0	11.3	AL3-F-25	5.20	8.73	AL4-F-25	5.80	7.88	66
35	AL0-F-35	8.3	12.9	AL3-F-35	5.90	10.05	AL4-F-35	7.10	9.70	70
50	AL0-F-50	9.9	14.7	AL3-F-50	7.50	11.85	AL4-F-50	7.90	10.80	74
70	AL0-F-70	11.7	17	AL3-F-70	8.50	14.10	AL4-F-70	9.30	13.00	78
95	AL0-F-95	13.7	19.7	AL3-F-95	9.55	16.35	AL4-F-95	10.85	15.10	84
120	AL0-F-120	15.3	22.2	AL3-F-120	11.05	18.50	AL4-F-120	12.50	17.00	91
150	AL0-F-150	17.2	24.7	AL3-F-150	12.15	20.60	AL4-F-150	13.80	18.80	102
185	AL0-F-185	19.0	27.3	AL3-F-185	13.40	22.40	AL4-F-185	15.25	21.00	108
240	AL0-F-240	21.8	31	AL3-F-240	15.55	26.05	AL4-F-240	17.35	23.80	118
300	AL0-F-300	24.9	35	AL3-F-300	17.35	29.00	AL4-F-300	19.50	26.40	130



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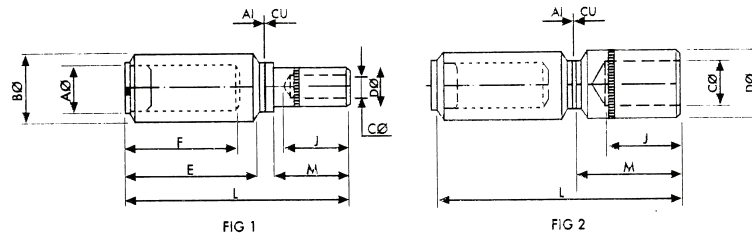

TABLE 1B - BIMETALLIC CRIMPING LUGS
DIMENSIONS


SECTION mm²	REFERENCE	DIMENSIONS mm															
		AØ	BØ	C	DØ	E	F	J	L	P							
16	Y4A16A105C	5.5	16.0	20.0	10.5	47.5	43.0	-	80.0	4.5							
25	Y4A25A105C	6.5		25.0	12.8				64.0	59.0	112.0	6.0					
35	Y4A35A128C	8.0															
50	Y4A50A128C	9.0															
70	Y4A70A128C	11.0															
95	Y4A95A128C	12.5															
120	Y4A120A128C	13.7	25.0	30.0	64.0	59.0	112.0		6.0								
150	Y4A150A128C	15.5															
185	Y4A185A128C	17.0	32.0							36.0	16.5	100.0	93.0	158.0	7.0		
240	Y4A240A128C	19.5															
300	Y4A300A165C	23.3	40.0	60 X 60	4 X 9.0	101.0	94.0		30 X 30							200.0	10.0
400	Y4A400A165C	26.0															
500	Y4A500A490C	29.1															
630	Y4A630A490C	32.5	47.0	80 X 80	4 X 11.0	136.0	125.0	40 X 40	270.0								
800	Y4A800A4110C	37.5															
1000	Y4A1000A4110C	42.0				60.0	146.5			136.0							
1200	Y4A1200A4110C	45.5	65.0														

TABLE 2B - COMPRESSION DIES FOR BIMETALLIC LUGS

SECTION mm ²	REFERENCE	HYDRAULIC COMPRESSION TOOLING			PRE ROUNDING	DEEP INDENT	HEXAGON
16	Y4A16A105C	Y35	TP400B / TP400H	TP630H	-	U35AOE	U140BGE4T (95)
25	Y4A25A105C						
35	Y4A35A128C						
50	Y4A50A128C				U50PRGE3T	U95A1E	U173BGE4T (150)
70	Y4A70A128C				U70PRGE3T		
95	Y4A95A128C				U95PRGE3T		
120	Y4A120A128C	Y60BHU / C0800	TP630H	U120PRGE3T	U150A2E	U215BGE5T (240)	
150	Y4A150A128C			U150PRGE3T			
185	Y4A185A128C			U185PRGE3T			U240A4E
240	Y4A240A128C			U240PRGE3T			
300	Y4A300A165C			U300PRGE3T	U300A34N	-	
400	Y4A400A165C			-	-		
500	Y4A500A490C						
630	Y4A630A490C						

TABLE 3B - BIMETALLIC COMPRESSION FERRULES

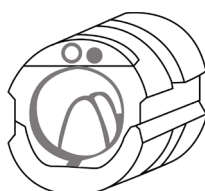
DIMENSIONS


SECTION mm²		REFERENCE	FIG.	DIMENSIONS											
AL	CU			AØ	BØ	CØ	DØ	E	F	J	M	L			
25	16	Y4RP25SA16C	2	6.5	16.0	5.6	12.2	47.5	43.0	29.5	34.5	87.0			
	25	Y4RP25SA25C				7.0									
35	16	Y4RP35SA16C		8.0		5.6									
	25	Y4RP35SA25C				7.0									
	35	Y4RP35SA35C				8.0									
50	16	Y4RP50SA16C	1	9.0	20.0	5.6				21.0	33.0		91.0		
	25	Y4RP50SA25C				7.0									
	35	Y4RP50SA35C				8.0									
	50	Y4RP50SA50C				9.5									
70	16	Y4RP70SA16C	1	11.0		5.6						12.2		21.0	33.5
	25	Y4RP70SA25C				7.0									
	35	Y4RP70SA35C				8.0									
	50	Y4RP70SA50C				9.5									
		70	Y4RP70SA70C			2				11.0					
95	35	Y4RP95SA35C	1	12.5		8.0	21.0			33.5	38.5	91.0			
	50	Y4RP95SA50C				9.5									
	70	Y4RP95SA70C	2			11.0									
	95	Y4RP95SA95C				13.0									
120	35	Y4RP120SA35C	1	13.7	25.0	8.0	12.2	29.5	33.0	104.0					
	50	Y4RP120SA50C				9.5									
	70	Y4RP120SA70C	2			11.0	21.0				33.5	38.5	108.0		
	95	Y4RP120SA95C				13.0									
	120	Y4RP120SA120C				14.2									
150	50	Y4RP150SA50C	1	15.5		9.5	12.2	29.5	33.0	104.0					
	70	Y4RP150SA70C	2			11.0	21.0				33.5	38.5	108.0		
	95	Y4RP150SA95C				13.0									
	120	Y4RP150SA120C				14.2									
	150	Y4RP150SA150C				16.0									
185	70	Y4RP185SA70C	1	17.0		32.0	11.0	26.2	33.5	37.0	108.0				
	95	Y4RP185SA95C					13.0								
	120	Y4RP185SA120C					14.2								
	150	Y4RP185SA150C			16.0										
		185	Y4RP185SA185C		2			18.0			43.5	49.0	120.0		
240	95	Y4RP240SA95C	1	19.5	13.0		21.0	33.5	37.0	108.0					
	120	Y4RP240SA120C			14.2										
	150	Y4RP240SA150C			16.0										
		185	Y4RP240SA185C		2		18.0				26.2	43.5	49.0	120.0	
	240	Y4RP240SA240C	20.0												

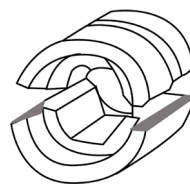


TABLE 4B - COMPRESSION DIES FOR FERRULES

DIMENSIONS

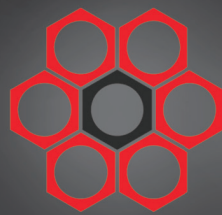


DEEP INDENT



HEXAGON

SECTION mm ²		REFERENCE	ALUMINIUM		COPPER HEXAGON
AL	CU		DEEP INDENT	HEXAGON	
25	16	Y4RP25SA16C	U35AOE	U140BGE4T (95)	BU/1060 (50mm Die)
	25	Y4RP25SA25C			
35	16	Y4RP35SA16C			
	25	Y4RP35SA25C			
	35	Y4RP35SA35C			
50	16	Y4RP50SA16C	U95A1E	U173BGE4T (150)	BU/1060 (50mm Die)
	25	Y4RP50SA25C			
	35	Y4RP50SA35C			
	50	Y4RP50SA50C			
70	16	Y4RP70SA16C			BU/0980 (150mm Die)
	25	Y4RP70SA25C			
	35	Y4RP70SA35C			
	50	Y4RP70SA50C			
	70	Y4RP70SA70C			
95	35	Y4RP95SA35C			BU/1060 (50mm Die)
	50	Y4RP95SA50C			
	70	Y4RP95SA70C			
	95	Y4RP95SA95C			
120	35	Y4RP120SA35C	U150A2E	U215BGE5T (240)	BU/1060 (50mm Die)
	50	Y4RP120SA50C			
	70	Y4RP120SA70C			
	95	Y4RP120SA95C			
	120	Y4RP120SA120C			
150	50	Y4RP150SA50C			BU/0980 (150mm Die)
	70	Y4RP150SA70C			
	95	Y4RP150SA95C			
	120	Y4RP150SA120C			
	150	Y4RP150SA150C			
185	70	Y4RP185SA70C	U240A4E	U280BGE4T (400)	BU/0980 (150mm Die)
	95	Y4RP185SA95C			
	120	Y4RP185SA120C			
	150	Y4RP185SA150C			
	185	Y4RP185SA185C			
240	95	Y4RP240SA95C			BU/1010 (240mm Die)
	120	Y4RP240SA120C			
	150	Y4RP240SA150C			
	185	Y4RP240SA185C			
	240	Y4RP240SA240C			

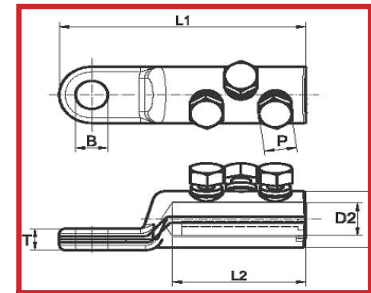
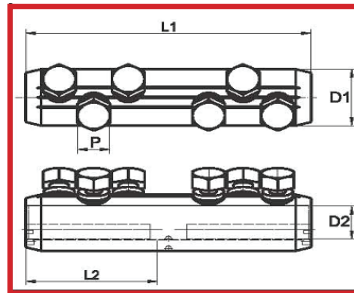
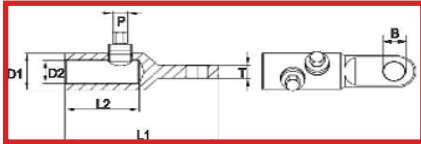


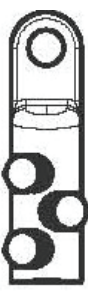
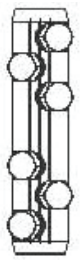
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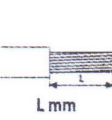
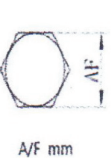


Product		Conductor Size (mm ²)	No. of Bolts	Dimensions (mm)						
				L1	L2	D1	D2	T	P	B
Lugs 	ATSL25/95/12B1	25-95	1	64,6	32,5	24	13,3	9	13	13
	ATSL25/95/16B1	25-95	1	64,6	32,5	24	13,3	9	13	17
	ATSL35/150/12B1	35-150	1	72,6	38,5	28	16	10	17	13
	ATSL70/240/12B2	70-240	2	97,7	61,5	33	20	13	17	13
	ATSL70/240/16B2	70-240	2	97,7	61,5	33	20	13	17	17
	ATSL120/300/12B2	120-300	2	106,7	67,5	38	24	14	22	13
	ATSL120/300/16B2	120-300	2	106,7	67,5	38	24	14	22	17
	ATSL185/400/12B2	185-400	3	120	78	42	26	16	22	13
	ATSL185/400/16B2	185-400	3	120	78	42	26	16	22	17
	ATSL300/630/12B3	300-630	3	140	90	52	33	20	24	13
	ATSL300/630/16B3	300-630	3	140	90	52	33	20	24	17
	ATSL630/1000/12B4	630-1000	4	192	107	65	41	16,9	22	13
	ATSL630/1000/16B4	630-1000	4	192	107	65	41	16,9	22	17
Connectors 	ATSC10/35B2	10-35	2	45	21	19	8,3		9	
	ATSC25/95B2	25-95	2	70	33,5	24	13,3		13	
	ATSC35/150B2	35-150	2	80	38,5	28	16		17	
	ATSC70/240B4	70-240	4	125	61	33	20		19	
	ATSC120/300B4	120-300	4	140	68	38	24		22	
	ATSC185/400B6	185-400	6	170	83	42	26		22	
	ATSC300/630B6	300-630	6	200	97	52	33		24	
	ATSC630/1000B8	630-1000	8	220	105	65	41		22	
	ATSLC25/95B1	25-95	1	88,5	32	24	13,3	13	13	17,5
	ATSLC70/240B2	70-240	2	115	58	33	20	13	19	17,5

Conforms to IEC61238-1

INSTALLATION INSTRUCTIONS FOR MECHANICAL SCREW LUGS

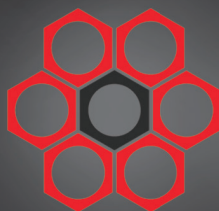


								
Product Range (Model)	AL Conductor Round	AL Conductor Sector	CU Conductor Round	CU Conductor Sector	Stripping Length	Mount Insert	Remove Insert	Bolt Across Flat
GLL10 – 35/2	10 – 35	10 – 25	10 – 35	10 – 25	23	--	--	9
GLL16 – 95/2	16 – 95	16 – 70	16 – 95	16 – 70	35	16 – 50	70 – 95	13
GLL50 – 150/2	50 – 150	50 – 120	50 – 150	50 – 120	40	50 – 70	95 – 150	17
GLL50 – 150/4	50 – 150	50 – 120	50 – 150	50 – 120	53	50 – 70	95 – 150	17
GLL70 – 240/4	70 – 240	70 – 185	70 – 240	70 – 185	63	70 – 120	150 – 240	19
GLL120 – 300/4	120 – 300	120 – 240	120 – 300	120 – 240	70	120 – 185	240 – 300	22
GLL185 – 400/4	185 – 400	185 – 300	185 – 400	185 – 300	80	185 – 240	300 – 400	22
GLL185 – 400/6	185 – 400	185 – 300	185 – 400	185 – 300	85	185 – 240	300 – 400	22
GLL300 – 500/6	300 – 500	--	--	--	--	--	--	--
GLL400 – 630/6	400 – 360	--	--	--	--	--	--	--

NOTE: Different Conductor Material should be tested according to IEC 61238-1 given parameters.



- *Manufactured from high purity copper*
- *Connections can be made off circuit or live line*
- *LV or HV application*
- *Install in all weather conditions*
- *Ensures consistently reliable joints*
- *Simple die selection and ease of compression*
- *Manual & hydraulic tools available*



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 **BURNDY®**

**C shaped copper
connectors**

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Catalogue Number	Conductor Sizes							Installation Tooling					
	A				B			Mechanical	Hydraulic				
	Diameter Min Max	Stranded mm²	Solid mm²	Ground Rod mm/inch	Diameter Min Max	Stranded mm²	Solid mm²	MD6-8	Y35 / TP400	TP630H			
YC10C10	1.6	2.5 - 4	4 - 6		1.6	2.5 - 4	4 - 6	W238					
	2.8				2.8								
YC8C8	3.2	6 - 10	10		1.6	2.5 - 6	4 - 6 - 10	W162 (2X)					
	4.2				3.6								
YC4C8	4.1	10 - 25	35		2.3	4 - 6	4 - 6 - 10	WBG MD6BG (2X)	UBG	U DIES WITH ADAPTOR AR630			
	6.7				3.6								
YC4C6	5.1	16 - 25	35		2.3	4 - 10	4 - 6 - 10						
	6.7				4.1								
YC4C4	5.1	16 - 25	25 - 35		4.2	16 - 25	25 - 35						
	6.7				6.7								
YC2C4	7.5	35	50		2.3	4 - 25	25	WC (2X)	UC				
	8.0				6.4								
YC2C2	7.5	35	50		5.1	16 - 35	25 - 35 - 50						
	8.0				8.0								
YC26C2	8.8	50 - 70		10mm	2.3	4 - 35	4 - 6 - 10 - 25 - 35		UE (3X) UO				
	10.8				7.7								
YC26C26	8.8	50 - 70			7.8	35 - 70	50						
	10.8				10.8								
YC28C2	11.0	95		12mm 1/2"	5.1	16 - 35	35						
	13.2				7.8								
YC28C26	11.0	95			7.8	35 - 70	50						
	13.2				10.8								
YC28C28	11.0	95			11.0	95							
	13.2				13.2								
YC29C29	14.0	120		14mm 5/8"	6.3	25 - 120	35 - 50		U708 (3X)				
				14.0									
150 SQMM	AVAILABLE ON REQUEST												
185 SQMM	AVAILABLE ON REQUEST												
240 SQMM	AVAILABLE ON REQUEST												CONSULT

TIN PLATED ON REQUEST

CRIMPIT connectors are manufactured from "C" shaped sections of high purity copper.

They are equally suitable for making tap connections on dead or live line.

CRIMPIT connectors provide a consistently reliable joint.

The die selection is simple. The die set and crimpit are cross-referenced with a die index letter or number, providing that these agree, there will be no question of the wrong die set being selected.

In all cases the number of compressions required is indicated on the back of the crimpit.

COPPER EARTHTAIL CLAMPS AS BELOW ARE AVAILABLE FOR 10MM COPPER CONDUCTOR

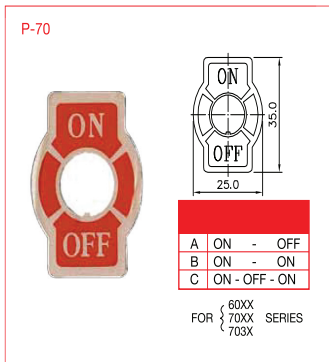
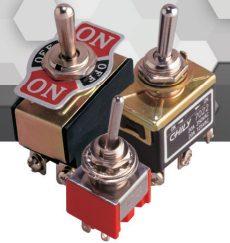



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Toggle & Float Switches

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TOGGLE (SNAP) SWITCHES



TERMINALS	
A	SOLDER TERMINAL
B	SCREW TERMINAL
C	QUICK TERMINAL

SWITCH FUNCTION () : MOMENTARY				
MODEL No.				OPERATIONS
7011	ON	-	OFF	SPST
7012	ON	-	ON	SPDT
7013	ON	OFF	ON	SPDT
7014	(ON)	OFF		SPST
7015	(ON)	-	ON	SPDT
7016	(ON)	OFF	(ON)	SPDT
7017	(ON)	OFF	ON	SPDT
7021	ON	-	OFF	DPDT
7022	ON	-	ON	DPDT
7023	ON	OFF	ON	DPDT
7024	(ON)	OFF		DPST
7025	(ON)	-	ON	DPDT
7026	(ON)	OFF	(ON)	DPDT
7027	(ON)	OFF	ON	DPDT

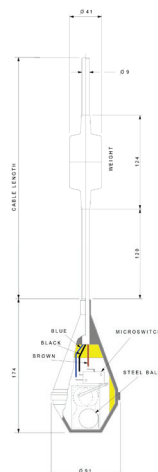
LR02 & LR03 NON MERCURY LEVEL REGULATORS

Float Switches are inexpensive and efficient liquid level detectors. They are simple to install, and designed for trouble free operation over a long life.

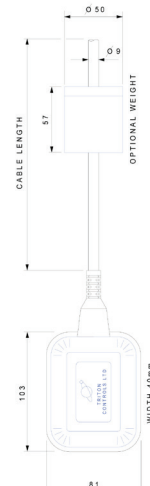
The LR02 is a non-mercury version of the highly successful LR01 / SC37 series. The mercury tilt switch as used in the LR01 is replaced by a micro-switch and rolling ball arrangement, which eliminates all heavy metals.

The LR03 is a plastic float switch moulded to either a PVC or synthetic rubber 3 core cable. Actuation is via a roller ball and micro-switch arrangement within the switch thereby eliminating all heavy metals from this version.

LR02



LR03





Stone-Stamcor

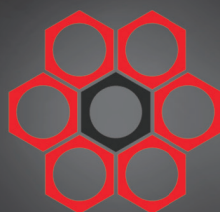
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PRE-INSULATED TERMINALS



WIRE RANGE mm ²	STUD SIZE mm	RING (R)	SPADE (S)	PIN (PTV)	BUTT (BVS)	BULLET		FLAT BLADE (DB)	HOOK BLADE (LB)	DISCONNECT		PIGGY-BACK (PBD)	FULLY INSULATED DISCONNECT FEMALE (FDF)	CRIMPING TOOLS
						MALE (MP)	FEMALE (FR)			MALE (MD)	FEMALE (FD)			
0,5 - 1,5 mm	3 RV1-3/7	SV1-3/7		PTV1-10	BVS1	MPV1-156	FRV1-156	DBV1-11 (11 X 3mm)	LBV1-4/6 (4,6mm)	MDV1-250 (6,3mm)	FDV1-250 (6,3mm)	PBDV1-250 (6,3mm)	FDFV1-250 (6,3mm)	
	4 RV1-4	SV1-4												
	5 RV1-5	SV1-5												
	6 RV1-6	SV1-6												
	8 RV1-8													
	10 RV1-10													
1,5 - 2,5 mm	3 RV2-3/7	SV2-3/7		PTV2-10	BVS2	MPV2-156	FRV2-156	DBV2-9 (9 X 2,8mm)	LBV2-4/6 (4,6mm)	MDV2-250 (6,3mm)	FDV2-250 (6,3mm)	PBDV2-250 (6,3mm)	FDFV2-250 (6,3mm)	
	4 RV2-4	SV2-4												
	5 RV2-5	SV2-5												
	6 RV2-6	SV2-6												
	8 RV2-8													
	10 RV2-10													
4 - 6 mm	3 RV5-3/7	SV5-3/7		PTV5-13	BVS5	MPV5-195	FRV5-195	DBV5-10 (10 X 2,8mm)	LBV5-4/6 (4,6mm)	MDV5-250 (6,3mm)	FDV5-375 (9,5mm)	PBDV5-250 (6,3mm)	FDFV5-250 (6,3mm)	
	4 RV5-4	SV5-4												
	5 RV5-5	SV5-5												
	6 RV5-6	SV5-6												
	8 RV5-8													
	10 RV5-10													
	13 RV5-13													
NOTE: Twin grip available on request. #: Not available in twin grip														
BNB-03C RATCHET														



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Tooling

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HAND COMPRESSION TOOLS



SU-16A

Hand Crimping tool ratchet type with indent crimp $1.5 \text{ mm}^2 - 16 \text{ mm}^2$. The ratchet facility ensures a full depth crimp.



HX-10

Hand Crimping tool ratchet type with hexagonal crimp $1.5 \text{ mm}^2 - 10 \text{ mm}^2$. The ratchet facility ensures a perfect crimp.



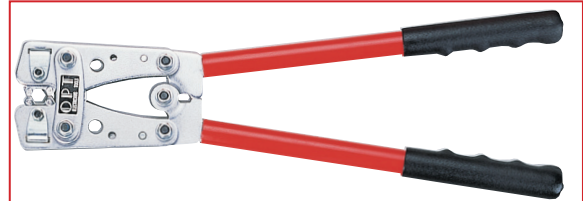
HX-25B

Hand Crimping tool ratchet type with hexagonal crimp $6 \text{ mm}^2 - 25 \text{ mm}^2$. The ratchet facility ensures a perfect crimp.



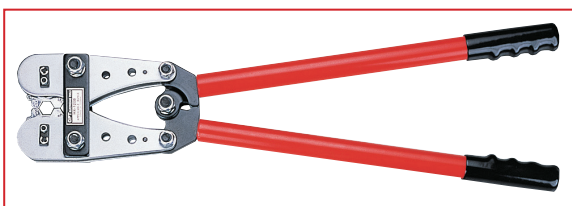
HX-50B

Hand Crimping tool for tubular cable connectors which incorporates. Rotary die wheels which can be dialled to any crimping configuration from $6 \text{ mm}^2 - 50 \text{ mm}^2$ hexagonal crimp.



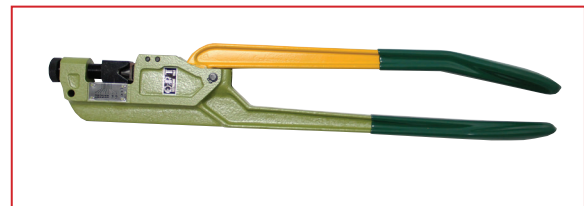
HX-120B

Hand Crimping tool for tubular cable connectors which incorporates. 2 rotary die wheels which can be dialled to any crimping configuration from $16 \text{ mm}^2 - 120 \text{ mm}^2$ hexagonal crimp.



KH-120

Hand Crimping tool with adjusting nest for indent crimping from $16 \text{ mm}^2 - 120 \text{ mm}^2$.



TERMINAL CRIMPING TOOLS

BNB-03C

Hand Crimping tool ratchet type ensures full crimp on pre-insulated terminals from 1.5 mm^2 to 6.0 mm^2



BATTERY TOOLS

MEPB-185

BATTERY OPERATED HYDRAULIC COMPRESSION TOOL Battery operated crimping tool suitable for copper 10mm² - 185mm². Hexagonal crimp with head rotating through 180° - 18V Li-Ion Battery



EPB-4201

BATTERY OPERATED HYDRAULIC COMPRESSION TOOL Battery operated crimping tool suitable for copper 35mm² - 400mm². Hexagonal crimp with head rotating through 180° - 18V Li-Ion Battery



SELF CONTAINED HYDRAULIC COMPRESSION TOOLS

THX-185B (50KN)

Self contained crimping tool complete with carry case and hexagonal dies suitable for copper 10mm² - 185mm². Hexagonal crimp with head rotating through 180°



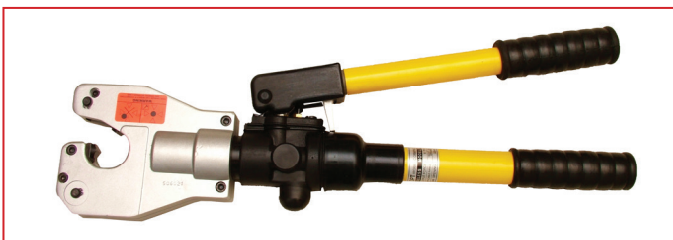
TP-400 (120KN)

Self contained tool complete with carry case and hexagonal dies from 35mm² to 400mm². Suitable for crimping copper and aluminium conductors. All U shaped dies from 10mm² - 400mm² are interchangeable. Tool operates at 10 000psi with head rotating through 180°



TP-6

Self contained tool complete with carry case. Suitable for crimping copper and aluminium conductors from 10mm² - 300mm². Tools output pressure 6TON with head rotating through 180°



Y35 (120KN)

Self contained tool complete with carry case. Suitable for crimping copper and aluminium conductors with any U shaped die from 10mm² to 300mm². Tool operates at 10 000psi with head rotating through 180°



HPM400 Dieless, self contained

The HPM 400 is the ideal crimping tool for cable lugs, jointing sleeves, rigid and flexible conductors. The cross section ranges are suitable for copper from 16 - 300 mm² and for aluminium from 50 to 300 mm² without changing any dies.



REMOTE HEAD HYDRAULIC COMPRESSION TOOLS



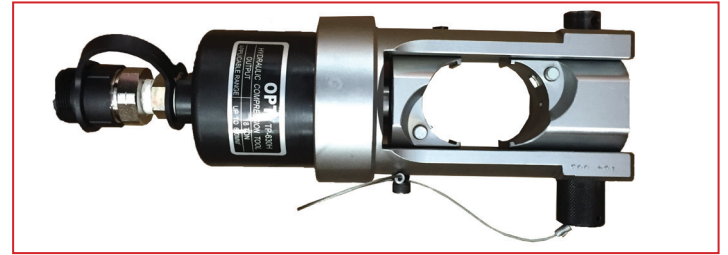
TP-400H

12 Ton single acting remote head complete with carry case and hexagonal dies from 35mm² to 400mm². Suitable for crimping copper and aluminium conductors. All U shaped dies from 10mm² - 400mm² are interchangeable. Operates with any hydraulic pump with an output pressure of 700 bar. (38mm jaw opening)



TP-630H

18 Ton single acting remote head complete with carry case complete with hexagonal dies from 35mm² to 630mm² and adaptor die in a carry case. Operates with any hydraulic pump with an output pressure of 700 bar.



CO-800

30 Ton single acting hydraulic crimping press complete with hexagonal dies from 300mm² - 800mm². Operates with any hydraulic pump with an output pressure of 700 bar.



OP-60D

60 Ton double acting hydraulic crimping. (Single acting available) Only operates with double acting hydraulic pumps with an output pressure of 700 bar.



OP-100W

100 Ton double acting hydraulic crimping. Only operates with double acting hydraulic pumps with an output pressure of 700 bar.



HYDRAULIC PUMPS



P700FNC (Manufactured in RSA)

Foot operated hydraulic pump 700bar / 10 000psi. Complete with 1,8m hose and female coupling.



H-B Hand pump

Hand operated hydraulic pump 700bar / 10 000psi. Complete with 1,8m hose and female coupling.



PM-3001

Double acting electric (220V / 650W) hydraulic pump 700bar / 10 000psi. Complete with remote control switch and 2 x 1,8m hose and couplings.



F-C Hydraulic foot pump

Two speed type with 3/8 NPT oil port thread, 700kgF/cm² Oil pressure, Oil speed 2.8c.c./min. at Max. Pressure 700kgs/cm² Oil speed 13c.c./min. at Min. Pressure 20kgs/cm² 0.7 Liter reservoir capacity.



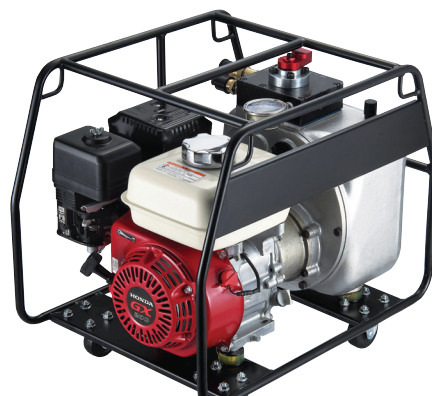
PM-1000

Single acting electric (220V / 650W) hydraulic pump 700bar / 10 000psi. Complete with remote control switch and 1,8m hose and female coupling.



PM-P3

Engine hydraulic double acting pump 700bar / 10 000psi. Complete with 2 x 1,8m hose and couplings.



CABLE CUTTERS



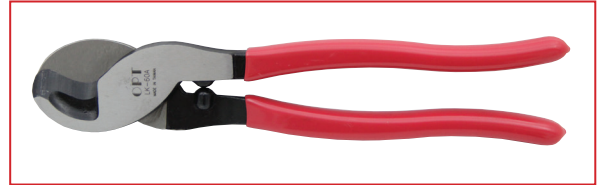
LK-38A

Hand cutter for copper and aluminium cable maximum 38mm²



LK-60A

Hand cutter for copper and aluminium cable maximum 60mm²



LK-325A

Ratchet type core cutter for copper and aluminium maximum Ø 32mm



LK-530B

Ratchet type core cutter for copper and aluminium maximum Ø 52mm



LK-325

Copper and Aluminium Core cutter 325mm²



AC-200

ACSR & Rod & Wire cutter cable 150mm² / ACSR Ø 15mm / Spring wire Ø 4.5mm and steel bar Ø 9mm



S-40A

For ACSR cutting 8 Tons output Double stage hydraulic design, for ACSR Max. O.D. 28mm, soft rebar Max. O.D. 13mm, guy wires Max. O.D. 15mm - 6kgs / 560mm



S-60H

Hydraulic cutter head designed for cutting copper, aluminium, ACSR, Steel ropes and rods Max Ø 50mm.



R100H (Local)

Designed to cut copper and aluminium armoured cable max Ø 100mm.



BUSBAR FABRICATION / CHASSIS PUNCH



MAP-9

Hydraulic Punch Driver
 Stainless steel plate Max. thickness 1.6mm. Mild steel plate Max. thickness 3.2mm. Comes complete with 6 sets of punches and dies from Ø 21.8mm to 60.5mm



MAP-10

Hydraulic Punch Driver
 Stainless steel plate Max. thickness 1.6mm. Mild steel plate Max. thickness 3.2mm. Comes complete with 10 sets of punches and dies from Ø 21.8mm to 115.5mm and hand pump.



PP-70

Hydraulic Punch
 Max. thickness 10mm. Complete with 4 sets of punches and dies from Ø 10.5mm to 20.5mm



BC-150

Busbar Cutter
 Max. 150mm x 13mm



BB-200

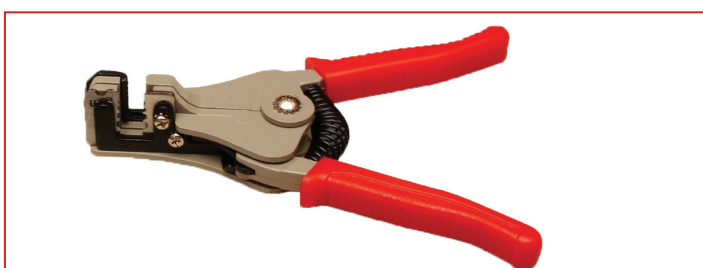
Busbar Bender
 Max. 200mm x 13mm



WIRE / CABLE STRIPPERS

LY-700B

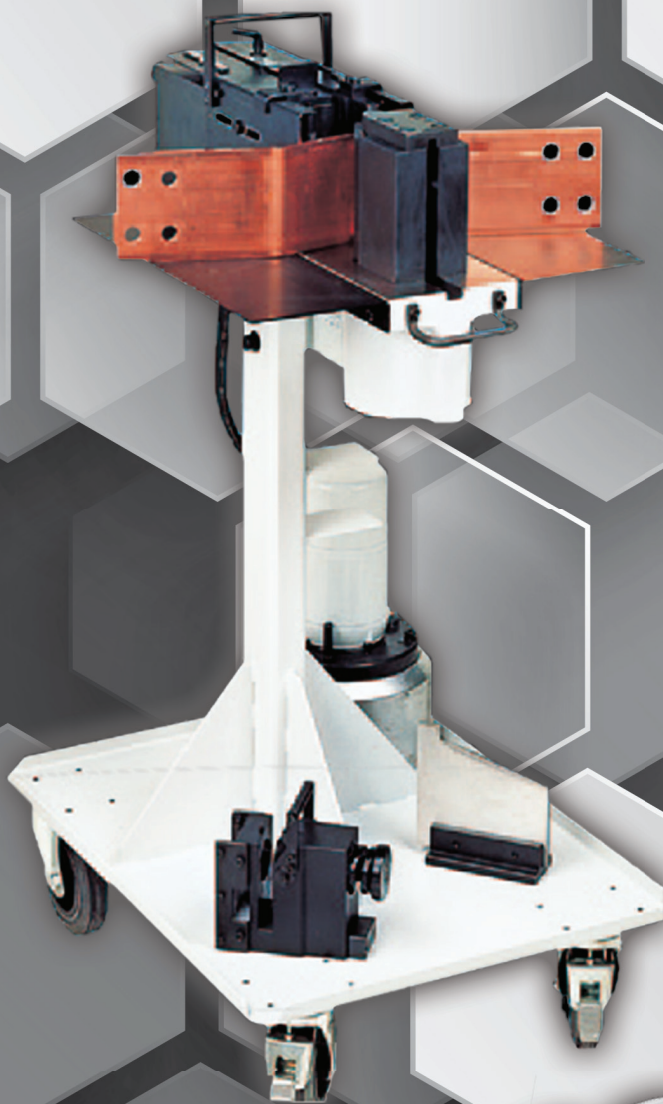
1,0mm² to 3,2mm² Wire



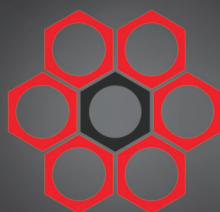
LY-731B

0,13mm² to 6mm² Wire -
 Combination stripper / crimper
 / cutter





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**Busbar Fabrication
Equipment**

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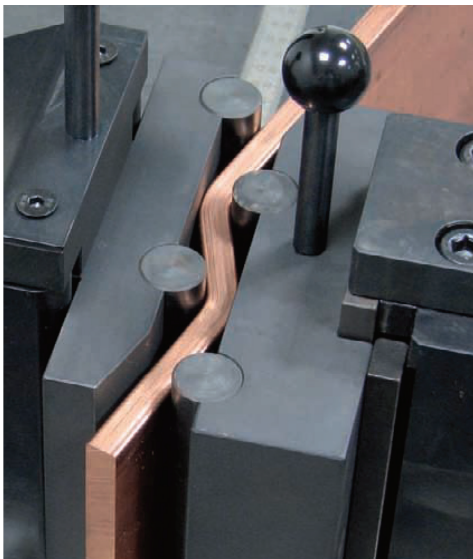
THREE IN ONE BUS BAR FABRICATING SLB 125

novopress
 Mastering Innovation

Features:

- Especially robust and stiff frame.
- Very high quality cutting, bending and punching.
- High operating safety with the built-in safety system.
- Lightning-swift tool changes with a minimum of manipulation.
- The 150 bar low-pressure system ensures a long service life and very fast cycle times.
- Punches copper and aluminum busbars up to 13 mm thick, elongated holes up to 21 x 14 mm and round holes up to 21 mm in diameter.
- Busbars bent accurately up to 120° – very accurate reproducibility of the set angle.

Step bending tool



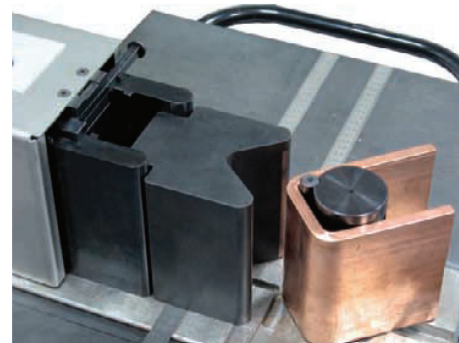
Technical Data

Ref. 39659

Depth	750 mm
Width	750 mm
Height	1.145 mm
Weight	180 kg
Operating Pressure	150 bar
Force	180 KN
Power rating	0.75 kW
Voltage	230 V 1~/50 Hz
Cutting max.	125 x 13mm 250 N/mm ²
Punching	max. ø 21 mm
Bending	max 125x13mm 250 N/mm ²

SLB 125 Accessories

- **Small step bending tool (O/N 31425)**
 For quick and 100 % parallel step bends, on up to 80 x 8 mm busbars. Step = 21 mm wide and 18 mm high.
- **Large step bending tool (O/N 31646)**
 For quick and 100 % parallel step bends, on up to 120 x 10 mm busbars. Step = 37 mm wide and 25 mm high.
- **Short leg bender (O/N 31636)**
 The supplementary -short leg bender will allow short "L"- bends with only 25 mm leg. SLB 125 standard setup will allow 45 mm as shortest leg.
- **Special U-bender 60 mm (O/N 42430)**
 Accomplish small and tight U-bends like on no other multi purpose busbar centre. Precise and tight U-bends like on dedicated bending machines e.g. BGD-5eco are possible with this special accessories for the SLB 125.



Special U-bender



Short leg bender

THREE IN ONE BUS BAR FABRICATING SLB 125

novopress
Mastering Innovation

Hydraulic Power Pack HA 3



Leaders when it comes to switchgear manufacturing. Novopress hydraulic power packs are designed to operate at a low 150 bar over a wide range of applications.

This design combines the clear advantages of increased work safety, and long service life for the tool and its attached devices. In addition, these hydraulic power packs are a byword for the high quality associated with all Novopress products.

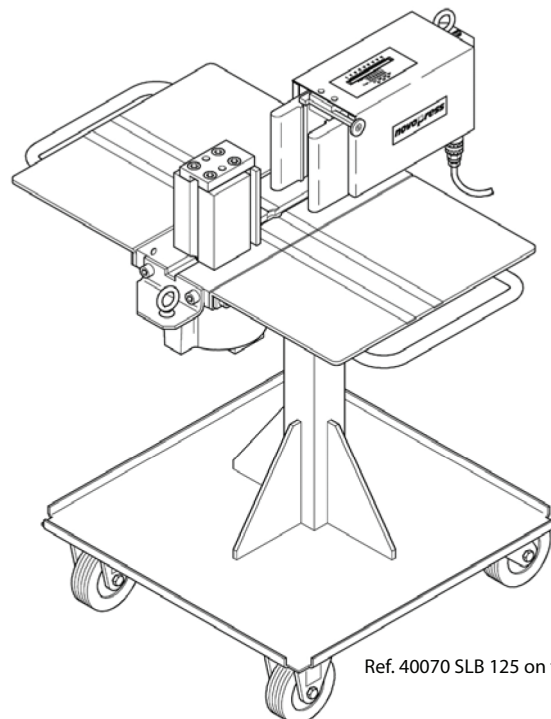
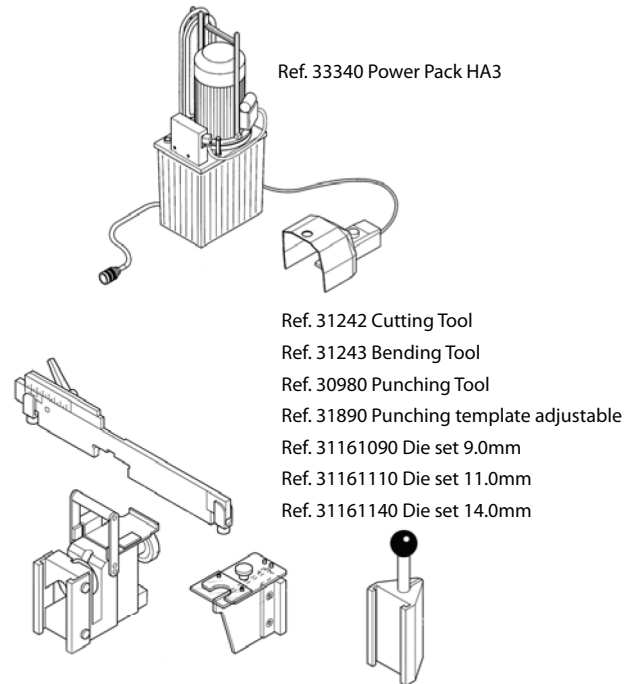
For heavy duty applications and continuous production, the HA 3 Power Pack, is the professional choice.

With a high performance drive and extended oil volume, the HA 3 is the ideal power pack for demanding busbar production, and/or continuous cable assembly. Available with or without 24 V controls for hand operated crimping tools.

Technical Data

Drive	230 V - 750 W, 4 A
Weight	26 kg
Height	550 mm
Length	270 mm
Width	260 mm
Oil capacity	5.5 l
Operation S 3	S 1=
Safety class	IP 55
Hydraulic hose	2.5 m
Operating pressure	150 bar (2.200 psi)
Oil flow	4.0 l/min.

Ref. 39659 SLB 125 Complete System



Ref. 40070 SLB 125 on trolley



HSBL-2 Cutting Tool - Ref.No. 7020



For portable and stationary cutting applications up to 160 x 13 mm (6"x1/2") the HSBL-2 Cutting Tool 160 is the ideal choice for professional busbar production. State of the art operator safety and additional accessories like Stop Device are making the HSBL-2 Cutting Tool 160 an integrated part of our busbar production lines.

Technical Specifications - Ref.No. 7020

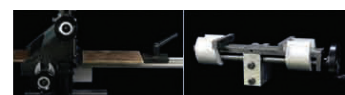
Height	940 mm (incl. work-cylinder)
Depth	310 mm
Width	4000 mm
Weight	53.9 kg
Operating pressure	150 bar (2200 psi)
Force	150 KN
Cutting perf. max.	160 x 13 mm 250 N/mm ²
Cycle time	15 sec.

Recommended power pack is HA 3

HSBL-2 Cutting Tool Advantages:

- Excellent cutting quality by symmetric knives
- Long-lasting cutting knives
- Short cycle times about 15 sec.
- High safety standards

Work Cylinder HSBL-2	Ref.No. 2420
Cutting Tool 160	Ref.No. 7020
Vice for 7020	Ref.No. 7030
Stop Device for 7020	Ref.No. 6990



HSBL-2 Punching Tool - Ref.No. 7050



For portable and stationary cutting applications up to 160 x 13 mm (6"x1/2") the HSBL-2 Punching Tool 160 is the ideal choice for our busbar production. State of the art operator safety and additional X-Y positioning device will vanquish the need for premeasuring and centre marking on your busbar. Excellent punching quality with round, elongated and square dies are making the HSBL-2 Punching Tool 160 the ideal option for small and medium workshops.

Technical Specifications - Ref.No. 7050

Height	900 mm (incl. work-cylinder)
Depth	310 mm
Width	460 mm
Weight	56.8 kg (incl. work-cylinder)
Operating pressure	150 bar (2200 psi)
Force	150 KN
Cutting perf. max.	160 x 13 mm 250 N/mm ²
Cycle time	5.5 sec.*

Recommended power pack is HA 3. * Busbar 120 x 10 mm

HSBL-2 Punching Tool Advantages:

- Excellent punching quality burr free
- Easy positioning in X/Y- axis
- Large assortment of round, elongated and square dies
- Fast and easy tool change

Work Cylinder HSBL-2	Ref.No. 2420
Punching Tool 160	Ref.No. 7050
Stop Device for 7050	Ref.No. 7190
Punching Tool 160 incl. Stop Device	Ref.No. 34243

HSBL-2 Bending Tool - Ref.No. 1179



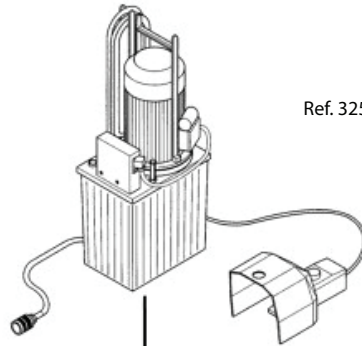
The Hydraulic Bending Tool 120 is ideal for portable use and smaller works up to 120 x 10 mm. A Hydraulic Stop for adjusting the bending angle is available as an accessory.

Work Cylinder HSBL-2	Ref.No. 2420
Bending Tool 120	Ref.No. 1179
Hydraulic Stop for 1179	Ref.No. 7190

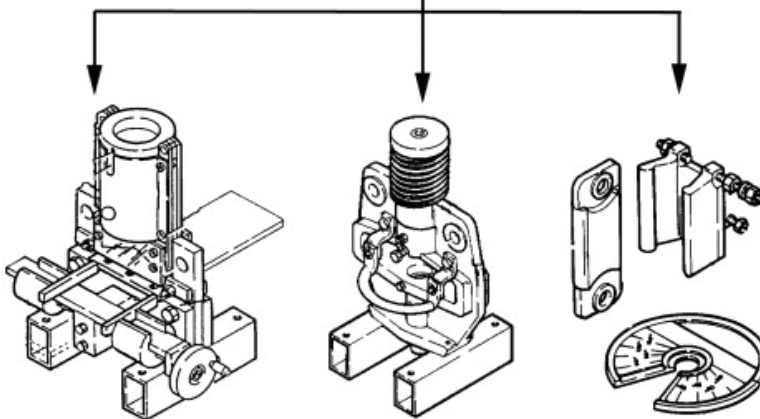
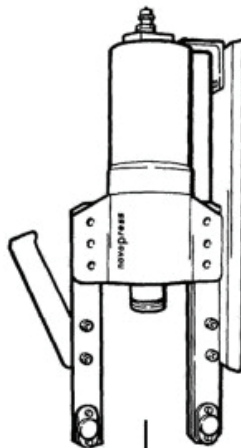


Ref. 3966-1 HSBL-2 Starter System

Ref. 32530 Power Pack HA3



Ref. 2420 HSBL-2 Work cylinder



Cutting:

- Ref. No. 7020 Cutting Tool*

Punching:

- Ref. No. 7050 Punching Tool*
- Ref. No. 200090 Die set 9.0mm
- Ref. No. 200110 Die set 11.0mm
- Ref. No. 200140 Die set 14.0mm

Bending:

- Ref. No. 1179 Bending Tool 120

* No Hydraulic Stop



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Selfcontained Crimping Head HPM 400



Dieless, stressless, universal.

The HPM 400 from Novopress is the ultimate Crimping Tool for service and maintenance jobs. The totally maintenance-free, selfcontained hydraulic system guarantees persistent operational condition, even beyond any infrastructure. The universal crimping head is without any die change whatsoever, over the whole cross section range from 16 - 400 mm². It will eliminate any additional cost for die sets and time consuming changes thereof. The smart automatic compression secures constant high quality of your crimps over the whole cross section range.

Technical Data

Ref. 5200

Length	550 mm
Width	180 mm
Height	80 mm
Weight	5.9 kg
Cross section range Cu	16 - 400 mm ²
Cross section range Al	50 - 400 mm ²
Max. Force	110 kN
Max. lug dia.	38.5 mm



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