



Stone - Stamcor
bringing power to your product

Bi-Metallic Lugs and Ferrules

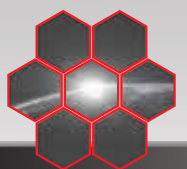
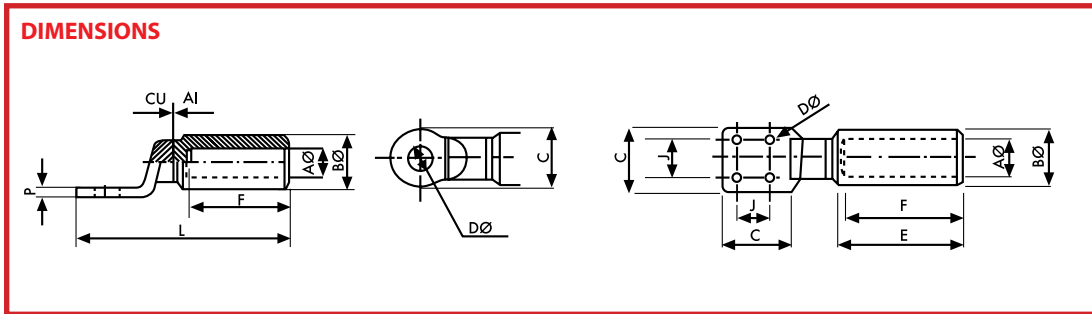




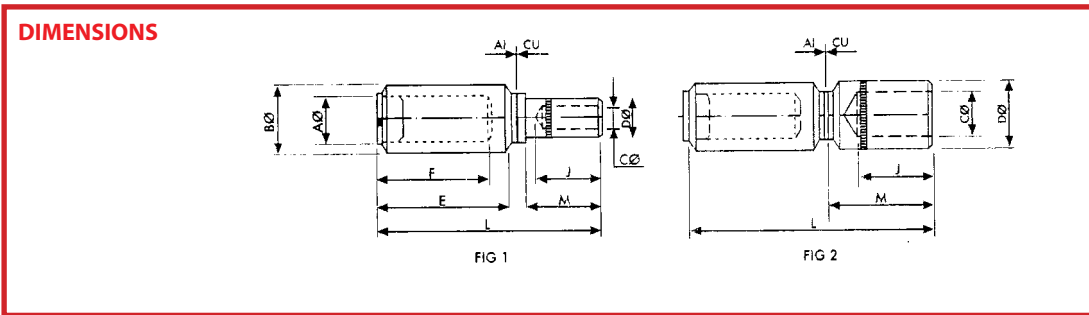
TABLE 1B - BIMETALLIC CRIMPING LUGS



SECTION mm ²	REFERENCE	DIMENSIONS mm											
		AØ	BØ	C	DØ	E	F	J	L	P			
16	Y4A16A105C	6.0	16.0	20.0	10.5	47.5	43.0	-	80.0	4.5			
25	Y4A25A105C	7.0		20.0	25.0				12.8	64.0	59.0	86.0	5.0
35	Y4A35A128C	8.3										25.0	30.0
50	Y4A50A128C	9.9	32.0	36.0	16.5	101.0	94.0	114.0					
70	Y4A70A128C	11.7						47.0	60 X 60	4 X 9.0	136.0	125.0	158.0
95	Y4A95A128C	13.7	60.0	80 X 80	4 X 11.0	146.5	136.0						200.0
120	Y4A120A128C	15.3						65.0	-	-	-	-	270.0
150	Y4A150A128C	17.2	-	-	-	-	-						-
185	Y4A185A128C	19.0						-	-	-	-	-	
240	Y4A240A128C	21.8	-	-	-	-	-						-
300	Y4A300A165C	24.9						-	-	-	-	-	
400	Y4A400A165C	26.0	-	-	-	-	-						-
500	Y4A500A490C	29.1						-	-	-	-	-	
630	Y4A630A490C	32.5	-	-	-	-	-						-
800	Y4A800A4110C	37.5						-	-	-	-	-	
1000	Y4A1000A4110C	42.0	-	-	-	-	-						-
1200	Y4A1200A4110C	45.5						-	-	-	-	-	

TABLE 2B - COMPRESSION DIES FOR BIMETALLIC LUGS

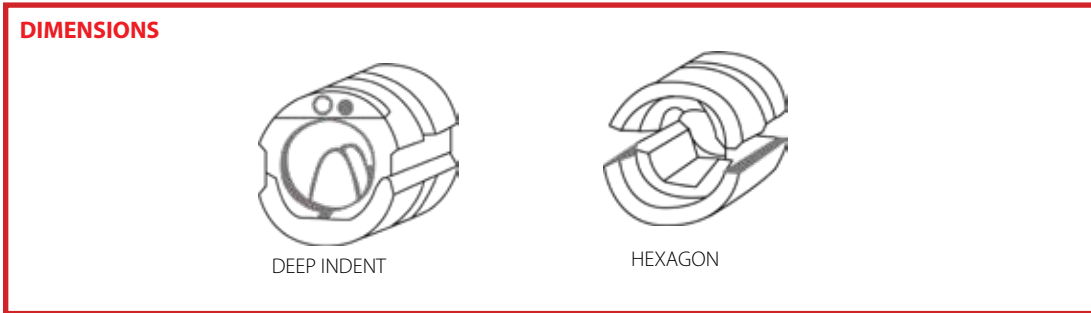
Section mm ²	Reference	Hydraulic		Pre Rounding	Deep Indent	Hexagon
		Compression Tooling				
16	Y4A16A105C	Y35	TP400B / TP400H	TP630H	-	U35AOE
25	Y4A25A105C					
35	Y4A35A128C					
50	Y4A50A128C					
70	Y4A70A128C					
95	Y4A95A128C					
120	Y4A120A128C					
150	Y4A150A128C					
185	Y4A185A128C					
240	Y4A240A128C					
300	Y4A300A165C	Y60BHU / COS00	-	-	-	-
400	Y4A400A165C					
500	Y4A500A490C					
630	Y4A630A490C					


TABLE 3B - BIMETALLIC COMPRESSION FERRULES


SECTION mm ²		REFERENCE	FIG.	DIMENSIONS												
AL	CU			AØ	BØ	CØ	DØ	E	F	J	M	L				
25	16	Y4RP25SA16C	2	7.0	16.0	5.6	12.2	47.5	43.0	29.5	34.5	87.0				
	25	Y4RP25SA25C				7.0										
35	16	Y4RP35SA16C	1	8.3	20.0	5.6	12.2	47.5	43.0	29.5	33.0	87.0				
	25	Y4RP35SA25C				7.0										
	35	Y4RP35SA35C				8.0										
50	16	Y4RP50SA16C	1	9.9	20.0	5.6	12.2	47.5	43.0	29.5	33.0	87.0				
	25	Y4RP50SA25C				7.0										
	35	Y4RP50SA35C				8.0										
	50	Y4RP50SA50C				9.5										
70	16	Y4RP70SA16C	1	11.7	20.0	5.6	12.2	47.5	43.0	29.5	33.0	87.0				
	25	Y4RP70SA25C				7.0										
	35	Y4RP70SA35C				8.0										
	50	Y4RP70SA50C				9.5										
		70	Y4RP70SA70C	2			11.0	21.0			33.5	38.5	91.0			
95	35	Y4RP95SA35C	1	13.7	25.0	8.0	12.2	47.5	43.0	29.5	33.0	87.0				
	50	Y4RP95SA50C				9.5										
	70	Y4RP95SA70C	2			11.0							21.0	33.5	38.5	91.0
	95	Y4RP95SA95C				13.0										
120	35	Y4RP120SA35C	1	15.3	25.0	8.0	12.2	47.5	43.0	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	17.2	25.0	9.5	12.2	47.5	43.0	29.5	33.0	104.0				
	70	Y4RP150SA70C				11.0										
	95	Y4RP150SA95C	2			13.0							21.0	33.5	38.5	108.0
	120	Y4RP150SA120C				14.2										
	150	Y4RP150SA150C				16.0										
185	70	Y4RP185SA70C	1	19.0	32.0	11.0	21.0	64.0	59.0	33.5	37.0	108.0				
	95	Y4RP185SA95C				13.0										
	120	Y4RP185SA120C				14.2										
	150	Y4RP185SA150C				16.0										
		185	Y4RP185SA185C			2							18.0	26.2		
240	95	Y4RP240SA95C	1	21.8	32.0	13.0	21.0	47.5	43.0	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

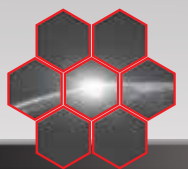


SECTION mm ²		REFERENCE	ALUMINIUM		COPPER HEXAGON	
AL	CU		DEEP INDENT	HEXAGON		
25	16	Y4RP25SA16C	U35AOE	U140BGE4T (95)	BU/1060 (50mm Die)	
	25	Y4RP25SA25C				
35	16	Y4RP35SA16C				
	25	Y4RP35SA25C				
	35	Y4RP35SA35C				
50	16	Y4RP50SA16C	U95A1E	U173BGE4T (150)		
	25	Y4RP50SA25C				
	35	Y4RP50SA35C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



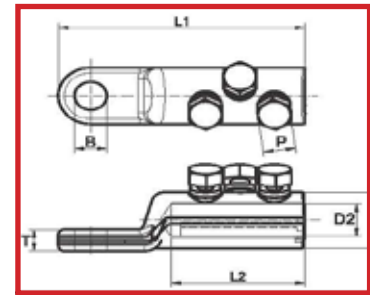
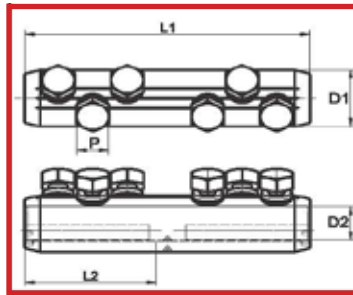
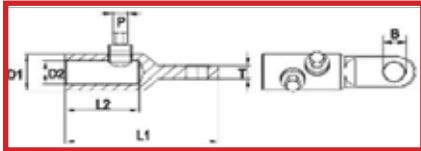
Stone - Stamcor
bringing power to your product

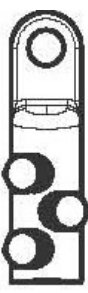
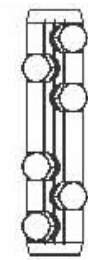

Torque Shear Lugs and Connectors





MECHANICAL SCREW CONNECTOR FOR APPLICATION UP TO 36 KV



Product		Conductor Size mm ²	No. of Bolts	Dimensions (mm)						
				L1	L2	D1	D2	T	P	B
	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
	TSL300/630/16B3	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
	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





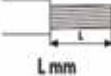



Conforms to IEC61238-1



INSTALLATION INSTRUCTIONS FOR MECHANICAL SCREW LUGS & FERRULES





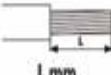





LUGS

Size	Al Circular 	Al Sector 	Cu Circular 	Cu Sector 	Strip Length 	Retain Insert 	Remove Insert 	Head Size (AF) 
25-95	25-95	25-70 ¹⁾	25-95	25-70 ¹⁾	35	25-50	70-95	13
35-150	35-150	35-120 ¹⁾	35-150	35-120 ¹⁾	41	35-70	95-150	17
70-240	70-240	70-185 ¹⁾	70-240	70-185 ¹⁾	64	70-120	150-240	19
120-300	120-300	120-240 ¹⁾	120-300	120-240 ¹⁾	71	120-185	240-300	22
185-400	185-400	185-300 ¹⁾	185-400	185-300 ¹⁾	81	185-240	300-400	22
300-630	300-630	300-500 ¹⁾	300-630	300-500 ¹⁾	92	300-400	500-630	24

Note: ¹⁾ Pressed round

CONNECTORS - FERRULES

Size	Al Circular 	Al Sector 	Cu Circular 	Cu Sector 	Strip Length 	Retain Insert 	Remove Insert 	Head Size (AF) 
10-35/2	10-35	10-25 ¹⁾	10-35	10-25 ¹⁾	23	–	–	9
25-95/2	25-95	25-70 ¹⁾	25-95	25-70 ¹⁾	35	25-50	70-95	13
35-150/2	35-150	35-120 ¹⁾	35-150	35-120 ¹⁾	40	35-70	95-150	17
35-150/4	35-150	35-120 ¹⁾	35-150	35-120 ¹⁾	53	35-70	95-150	17
70-240/4	70-240	70-185 ¹⁾	70-240	70-185 ¹⁾	63	70-120	150-240	19
120-300/4	120-300	120-240 ¹⁾	120-300	120-240 ¹⁾	70	120-185	240-300	22
185-400/6	185-400	185-300 ¹⁾	185-400	185-300 ¹⁾	85	185-240	300-400	22
300-630/6	300-630	300-500 ¹⁾	300-630	300-500 ¹⁾	99	300-400	500-630	24

Note: ¹⁾ Pressed round