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bringing power to your product

Bi-metallic lugs and ferrules



 **BURNDY**



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DIMENSIONS



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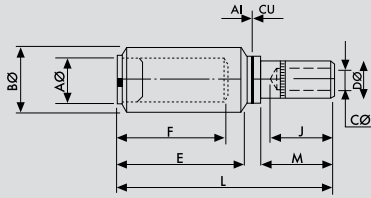


FIG 1

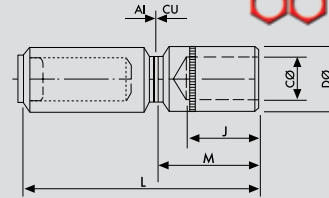


FIG 2

TABLE 1B - BIMETALLIC CRIMPING LUGS

TABLE 1B

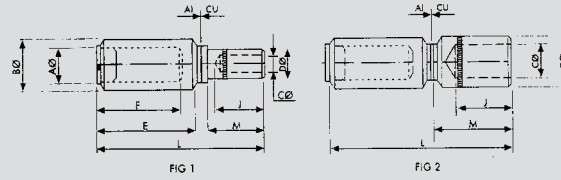
SECTION mm ²	REFERENCE	DIMENSIONS mm								
		AØ	BØ	C	DØ	E	F	J	L	P
16	Y4A16A105C	5.5	16.0	20.0	10.5	47.5	43.0	-	80.0	4.5
25	Y4A25A105C	6.5								
35	Y4A35A128C	8.0								
50	Y4A50A128C	9.0	20.0	25.0	12.8	64.0	59.0	-	112.0	6.0
70	Y4A70A128C	11.0								
95	Y4A95A128C	12.5								
120	Y4A120A128C	13.7	25.0	30.0	36.0	100.0	93.0	-	158.0	7.0
150	Y4A150A128C	15.5								
185	Y4A185A128C	17.0								
240	Y4A240A128C	19.5	32.0	40.0	60 X 60	101.0	94.0	30.0 X 30.0	200.0	10.0
300	Y4A300A165C	23.3								
400	Y4A400A165C	26.0								
500	Y4A500A490C	29.1	47.0	80 X 80	4 X 9.0	136.0	125.0	40.0 X 40.0	270.0	-
630	Y4A630A490C	32.5								
800	Y4A800A4110C	37.5								
1000	Y4A1000A4110C	42.0	60.0	80 X 80	4 X 11.0	146.5	136.0	-	-	-
1200	Y4A1200A4110C	45.5								

TABLE 2B - HYDRAULIC COMPRESSION TOOLS AND DIES

TABLE 2B

SECTION mm ²	REFERENCE	HYDRAULIC COMPRESSION TOOLING			PRE ROUNDING	DEEP INDENT	HEXAGON
16	Y4A16A105C	Y35	TP400B / TP400H	TP630H	-	U35AOE	BU/1080 (95mm Die)
25	Y4A25A105C						
35	Y4A35A128C						
50	Y4A50A128C						
70	Y4A70A128C						
95	Y4A95A128C						
120	Y4A120A128C	Y60BHU / C0800	TP630H	TP630H	U50PRGE3T	U95A1E	BU/0980 (150mm Die)
150	Y4A150A128C						
185	Y4A185A128C						
240	Y4A240A128C						
300	Y4A300A165C						
400	Y4A400A165C						
500	Y4A500A490C	Y60BHU / C0800	TP630H	TP630H	-	-	-
630	Y4A630A490C						

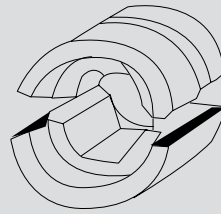
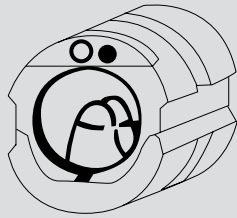
NOTE:


TABLE 3B - BIMETALLIC COMPRESSION FERRULES
TABLE 3B

SECTION mm ²		REFERENCE	FIG.	DIMENSIONS												
AL	CU			A0	B0	C0	D0	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	1	8.0	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	9.0	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	11.0	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	11.0	21.0	33.5	38.5	91.0						
95	35	Y4RP95SA35C	1	12.5	25.0	8.0	12.2	64.0	59.0	33.5	38.5	108.0				
	50	Y4RP95SA50C	1			9.5										
	70	Y4RP95SA70C	2			11.0							21.0	33.5	38.5	91.0
	95	Y4RP95SA95C	2			13.0							21.0	33.5	38.5	91.0
120	35	Y4RP120SA35C	1	13.7	25.0	8.0	12.2	64.0	59.0	33.5	38.5	108.0				
	50	Y4RP120SA50C	1			9.5										
	70	Y4RP120SA70C	2			11.0							21.0	33.5	38.5	108.0
	95	Y4RP120SA95C	2			13.0							21.0	33.5	38.5	108.0
	120	Y4RP120SA120C	2			14.2							21.0	33.5	38.5	108.0
150	50	Y4RP150SA50C	1	15.5	32.0	9.5	12.2	64.0	59.0	33.5	38.5	108.0				
	70	Y4RP150SA70C	1			11.0										
	95	Y4RP150SA95C	2			13.0										
	120	Y4RP150SA120C	2			14.2										
	150	Y4RP150SA150C	2			16.0										
185	70	Y4RP185SA70C	1	17.0	32.0	11.0	12.2	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	43.5	49.0	120.0
240	95	Y4RP240SA95C	1	19.5	32.0	13.0	12.2	64.0	59.0	33.5	37.0	108.0				
	120	Y4RP240SA120C				14.2										
	150	Y4RP240SA150C				16.0										
	185	Y4RP240SA185C				18.0										
	240	Y4RP240SA240C	2			20.0							26.2	43.5	49.0	120.0



DIMENSIONS



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NOTE:

TABLE 4B - COMPRESSION DIES

TABLE 4B

SECTION mm ²		REFERENCE	ALUMINIUM		COPPER HEXAGON		
AL	CU		DEEP INDENT	HEXAGON			
25	16	Y4RP25SA16C	U35AOE	BU/1080 (95mm Die)			
	25	Y4RP25SA25C					
35	16	Y4RP35SA16C					
	25	Y4RP35SA25C					
	35	Y4RP35SA35C					
50	16	Y4RP50SA16C				U95A1E	BU/0980 (150mm Die)
	25	Y4RP50SA25C					
	35	Y4RP50SA35C					
	50	Y4RP50SA50C					
70	16	Y4RP70SA16C					
	25	Y4RP70SA25C					
	35	Y4RP70SA35C					
	50	Y4RP70SA50C					
	70	Y4RP70SA70C					
95	35	Y4RP95SA35C			BU/0980 (150mm Die)		
	50	Y4RP95SA50C					
	70	Y4RP95SA70C					
	95	Y4RP95SA95C					
120	35	Y4RP120SA35C	U150A2E	BU/1010 (240mm 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	BU/1050 (400mm 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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C shaped copper connectors



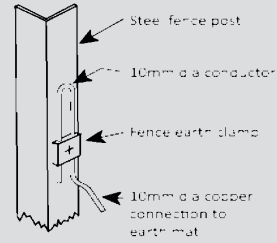
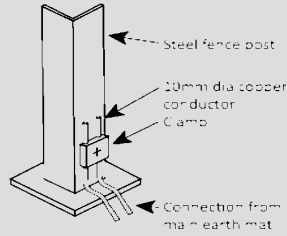
- *Manufactured from high purity copper*
- *Connections can be made off circuit or live line*
- *LV or HV application*
- *Install in all weather conditions*
- *Ensures consistently reliable joints*
- *Simple die selection and ease of compression*
- *Manual & hydraulic tools available*



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COPPER CRIMPETS

Catalogue Number	Conductor Sizes							Installation Tooling				
	A				B			Mechanical	Hydraulic			
	Diameter Min Max	Stranded mm ²	Solid mm ²	Ground Rod mm/inch	Diameter Min Max	Stranded mm ²	Solid mm ²	MD6-8	Y35 / TP400	TP630H		
YC10C10	1.6	2.5 - 4	4 - 6	10mm	1.6	2.5 - 4	4 - 6	W238				
	2.8				2.8						4 - 6	
YC8C8	3.2	6 - 10	10		1.6	2.5 - 6	4 - 6 - 10	W162 (2X)				
	4.2				3.6						4 - 6 - 10	
YC4C8	4.1	10 - 25	35		2.3	4 - 6	4 - 6 - 10	WBG MD6BG (2X)	UBG			
	6.7				3.6						4 - 6 - 10	
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						4 - 25	
YC2C2	7.5	35	50	5.1	16 - 35	25 - 35 - 50						
	8.0			8.0					16 - 35			
YC26C2	8.8	50 - 70		12mm 1/2"	2.3	4 - 35	4 - 6 - 10 - 25 - 35	UE (3X) UO				
	10.8				7.7					4 - 35		
YC26C26	8.8	50 - 70			7.8	35 - 70	50					
	10.8				10.8							35 - 70
YC28C2	11.0	95			5.1	16 - 35	35					
	13.2				7.8							16 - 35
YC28C26	11.0	95			7.8	35 - 70	50		UF (3X)			
	13.2				10.8					35 - 70		
YC28C28	11.0	95			11.0	95						
	13.2				13.2					95		
YC29C29	14.0	120			14mm 5/8"	25 - 120	35 - 50					
					14.0					25 - 120		
YC31C28	15.7	150 - 185		19mm 3/4"	50 - 95			U708 (3X)				
				17.7					50 - 95			
YC150M	15.7	150			70 - 150							
				15.7					70 - 150			
YC185M	14.0	120 - 185		19mm 3/4"	95 - 185							
				17.7					95 - 185			

U DIES WITH ADAPTOR AFR630

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

