METRIC STANDARD BARREL COPPER COMPRESSION CONNECTOR INSTALLATION

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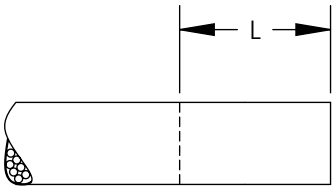
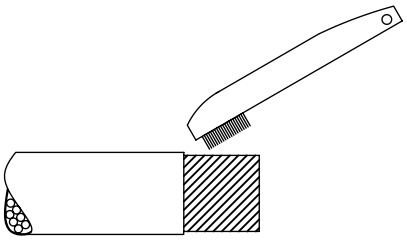
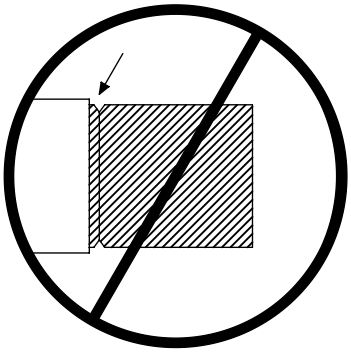
INSTALLATION INSTRUCTIONS

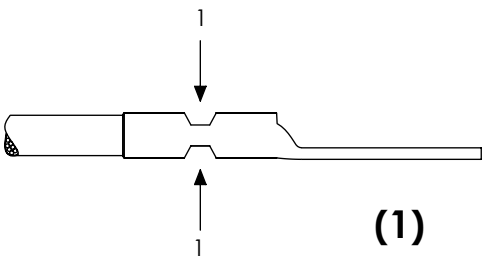
T-PMPI-308-PC



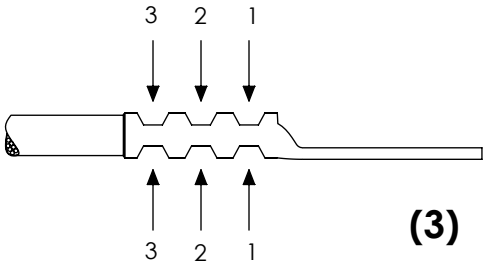




CD-2001-XXX, CD-920-XXX

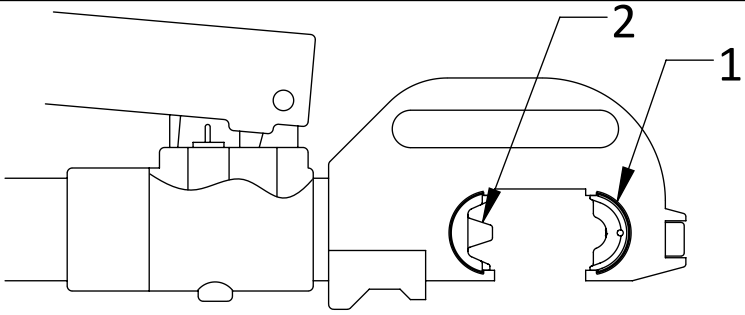


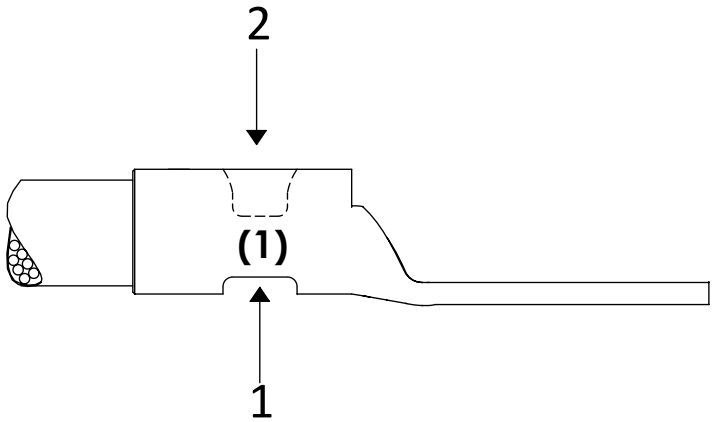
(1)

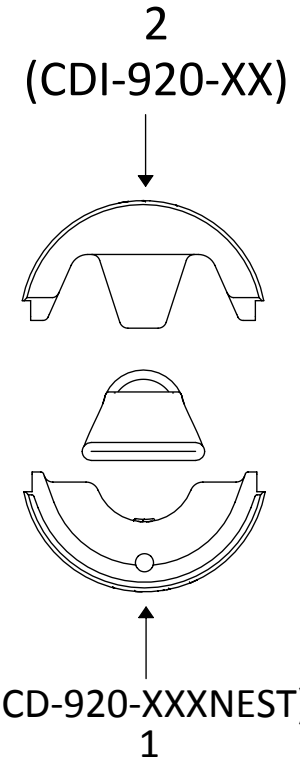


(3)

Using installation tooling shown on other side, insert connector in die and crimp between color bands or knurl markings, use these markings as a guide to evenly space crimps on barrel of connector. Begin crimping near the tongue end of the lug and continue crimping toward the wire end.
IMAGES ABOVE DEPICT CRIMP ZONES, AND SERVE AS A GENERAL GUIDELINES FOR THE CRIMP AREA. REQUIRED NUMBER OF COMPRESSIONS SHOWN ON TOOL CHART IN ( ) ON PAGES 2 & 3 BASED ON TOOL AND DIE COMBINATION USED.







Tool Chart for Compression Connectors Types LCMA, LCMD, LCMDN, and SCMS with Metric Class 2, 5, & 6 Copper Cable

			Panduit Tool Part Number (For Class 2 Wire)					
			CT-100 (Manual)	CT-200 CT-1570 (Manual)	CT-600 (Air)	CT-1701 (Manual)	A See Tool List Below	B See Tool List Below
							Cembre Tool Part Number***	
							HT131-C HT-131LN-C RHC 131LN B 131-C B 131-C-KV B 131LN-C B 131-UC (14.6 Ton Hyd.)	
Panduit Part No.	Wire Size & Class 2r	Wire Strip Length (mm)	Die Pocket Number (Crimp Qty.)				Die Part Number Color & Die Index Number (Crimp Qty.)	
LCMA2.5	1.5-2.5 Class 2r	-	22-10 (1)	22-14 (1) 16-14 (1)	CT-570 16-14 (1)	P10 (1)	-	-
LCMA6 LCMD6	4 - 6mm² Class 2r	- -	22-10 (2)	12-10 (2)	CT-570 12-10 (2)	P10 (2)	-	-
LCMA10 LCMD10 SCMS10	10mm² Class 2r	- - 16.5	-	-	-	-	CD-2001-8-SET Red P21 (1)	CD-920-8 Red P21 (1)
LCMA16 LCMD16 SCMS16	16mm² Class 2r	- - 19.0	-	-	-	-	CD-2001-8-SET Red P21 (1)	CD-920-8 Red P21 (1)
LCMA25 LCMD25	25mm² Class 2r	- -	-	-	-	-	CD-2001-4-SET Gray P29 (1)	CD-920-4 Gray P29 (1)
SCMS25		19.5						
LCMA35 LCMD35 SCMS35	35mm² Class 2r	- - 19.5	-	-	-	-	CD-2001-4-SET Gray P29 (1)	CD-920-4 Gray P29 (1)
LCMA50 LCMD50 SCMS50	50mm² Class 2r	- - 26.0	-	-	-	-	CD-2001-1-SET Green P37 (1)	CD-920-1 Green P37 (1)
LCMA70 LCMD70 SCMS70	70mm² Class 2r	- - 27.5	-	-	-	-	CD-2001-2/0-SET Black P45 (2)	CD-920-2/0 Black P45 (2)
LCMA95 LCMD95 SCMS95	95mm² Class 2r	- - 28.5	-	-	-	-	CD-2001-4/0-SET Purple P54 (2)	CD-920-4/0 Purple P54 (2)
LCMA120 LCMD120 LCMDN120	120mm² Class 2r	- -	-	-	-	-	CD-2001-250-SET Yellow P62 (2)	CD-920-250 Yellow P62 (2)
SCMS120		30.0						
LCMA150 LCMD150 LCMDN150 SCMS150	150mm² Class 2r	- - 30.0	-	-	-	-	CD-2001-300-SET White P66 (2)	CD-920-300 White P66 (2)
LCMA185 LCMD185 SCMS185	185mm² Class 2r	- - 32.0	-	-	-	-	CD-2001-400-SET Blue P76 (2)	CD-920-400 Blue P76 (2)
LCMA240 LCMD240 SCMS240	240mm² Class 2r	- - 37.5	-	-	-	-	CD-2001-500-SET Brown P87 (2)	CD-920-500 Brown P87 (2)
LCMA300 LCMD300 SCMS300	300mm² Class 2r	- - 39.0	-	-	-	-	-	CD-920-600 Green P94 (2)
LCMAX300 LCMDX300 SCMSX300	375mm² Class 2r	- - 49.0	-	-	-	-	-	-
LCMA400 LCMD400 SCMS400	400mm² Class 2r	- - 49.0	-	-	-	-	-	CD-920-750 CD-940-750** Black P106 (2)
LCMA500 LCMD500 SCMS500	500mm² Class 2r	- - 49.5	-	-	-	-	-	CD-940-1000** White P125 (3)
LCMA630 LCMD630 SCMS630	630mm² Class 2r	- - 67.0	-	-	-	-	-	CD-940-1000** White P125 (4)
LCMA630 LCMD630	1000 kcmil Class G	- -	-	-	-	-	-	CD-940-750A** Red P125 (1) CD-940-1000** White P125 (2)

Tool Chart for Compression Connectors Types LCMA, LCMD, LCMDN, and SCMS with Metric Class 2, 5, & 6 Copper Cable

		Panduit Tool Part Number (For Class 5 & 6 Wire)								
		CT-100 (Manual)	CT-200 CT-1570 (Manual)	CT-600 (Air)	CT-1701 (Manual)	A See Tool List Below	B See Tool List Below		B See Tool List Below	
							Cembre Tool Part Number***			
							HT131-C HT-131LN-C RHC 131LN B 131-C B 131-C-KV B 131LN-C B 131-UC (14.6 Ton Hyd.)		HT131-C HT-131LN-C RHC 131LN B 131-C B 131-C-KV B 131LN-C B 131-UC (14.6 Ton Hyd.)	
Panduit Part No.	Wire Size & Class 5f,6f	Die Pocket Number (Crimp Qty.)				Die Part Number Color & Die Index Number (Crimp Qty.)			Bottom Nest Die Part Number, Die Color, Index Number	Top Indentor Die Part Number, Die Index Number	Indenter (Crimp Qty.)
LCMA2.5	1.5 - 2.5mm² Class 5f Only	22-10 (1)	22-14 (1) 16-14 (1)	CT-570 16-14 (1)	P10 (1)	-	-		-	-	-
LCMA6 LCMD6	4 - 6mm² Class 5f Only	22-10 (2)	12-10 (2)	CT-570 12-10 (2)	P10 (2)	-	-		-	-	-
LCMA10 LCMD10 SCMS10	-	-	-	-	-	-	-		-	-	-
LCMA16 LCMD16 SCMS16	10mm² Class 5f Class 6f	-	-	-	-	CD-2001-8-SET Red P21 (1)	CD-920-8 Red P21 (1)		CD-920-4NEST Gray P29	CDI-920-10 1	(1)
LCMA25 LCMD25	16mm² Class 5f Class 6f	-	-	-	-	CD-2001-8-SET Red P21 (1)	CD-920-8 Red P21 (1)		CD-920-4NEST Gray P29	CDI-920-10 1	(1)
						CD-2001-8-SET Red P21 (2)	CD-920-8 Red P21 (2)				
LCMA35 LCMD35 SCMS35	25mm² Class 5f Class 6f	-	-	-	-	CD-2001-4-SET Gray P29 (1)	CD-920-4 Gray P29 (1)		CD-920-1/0NEST Pink P42	CDI-920-24 2	(1)
LCMA50 LCMD50 SCMS50	35mm² Class 5f Class 6f	-	-	-	-	CD-2001-2-SET Brown P33 (2)	CD-920-2 Brown P33 (2)		CD-920-3/0NEST Orange P50	CDI-920-24 2	(1)
LCMA70 LCMD70 SCMS70	50mm² Class 5f Class 6f	-	-	-	-	CD-2001-1-SET Green P37 (2)	CD-920-1 Green P37 (2)		CD-920-3/0NEST Orange P50	CDI-920-24 2	(1)
LCMA95 LCMD95 SCMS95	70mm² Class 5f Class 6f	-	-	-	-	CD-2001-2/0-SET Black P45 (2)	CD-920-2/0 Black P45 (2)		CD-920-250NEST Yellow P62	CDI-920-48 4	(1)
LCMA120 LCMD120 LCMDN120	95mm² Class 5f Class 6f	-	-	-	-	CD-2001-3/0-SET Orange P50 (2)	CD-920-3/0 Orange P50 (2)		CD-920-400NEST Blue P76	CDI-920-48 4	(1)
SCMS120						CD-2001-3/0-SET Orange P50 (3)	CD-920-3/0 Orange P50 (3)				
LCMA150 LCMD150 LCMDN150 SCMS150	120mm² Class 5f Class 6f	-	-	-	-	-	-		CD-920-400NEST Blue P76	CDI-920-48 4	(1)
LCMA185 LCMD185 SCMS185	150mm² Class 5f Class 6f	-	-	-	-	-	-		CD-920-400NEST Blue P76	CDI-920-48 4	(1)
LCMA240 LCMD240 SCMS240	185mm² Class 5f Class 6f	-	-	-	-	-	-		CD-920-500NEST Brown P87	CDI-920-48 4	(1)
LCMA300 LCMD300 SCMS300	240mm² Class 5f Class 6f	-	-	-	-	-	-		CD-920-750NEST Black P106	CDI-920-60 6	(1)
LCMAX300 LCMDX300 SCMSX300	300mm² Class 5f Only	-	-	-	-	-	-		CD-920-3000MXNST P32	CDI-920-60 6	(1)
LCMA400 LCMD400 SCMS400	-	-	-	-	-	-	-			-	-
LCMA500 LCMD500 SCMS500	-	-	-	-	-	-	-			-	-
LCMA630 LCMD630 SCMS630	-	-	-	-	-	-	-			-	-

A CT-2001, CT-2001/L, CT-2001/LE, CT-2002, CT-2002/L, CT-3001, CT-3001/E, CT-3001/ST, CT-3001/STINT, CT-3001/STUK, CT-3001/STAUS, CT-3001/TO, CT-3001/CCP, CT-3001/CCPINT, CT-3001/CCPUK, CT-3001/CCPAUS, CT-3001/CCPTO, CT-3001/STBT, CT-3001/CCPBT.

B CT-920, CT-920/CV, CT-920CH, CT-920CH/CV, CT-920CH/CCP, CT-930, CT-930CH, CT-940CH*, CT-2920, CT-2920/CCP, CT-2920/CCPINT, CT-2920/CCPUK, CT-2920/CCPAUS, CT-2920/CCPTO, CT-2930, CT-2930/L, CT2930/LE, CT-2931, CT-2931/ST, CT-2931/STINT, CT-2931/STUK, CT-2931/STAUS, CT-2931/TO, CT-2931/STCV, CT-2931/STCVINT, CT-2931/STCVUK, CT-2931/STCVAUS, CT-2931/CVTO, CT-2940*, CT-2940/L*, CT-2940/LE*, CT-2940/ST*, CT-2940/STINT*, CT-2940/STUK*, CT-2940/STAUS*, CT-2940/TO* CT-2920/CCPBT, CT-2931/STBT, CT-2940/STBT.

* CD-920 dies can be used with CT-940CH and CT-2940 tools with die adapter.
** CD-940 dies to be used exclusively with CT-940CH and CT-2940 tools.
*** Cembre tools used with Panduit CD-920 dies. Maximum splice size with Cembre tools is SCMS185.
± Maximum splice size is SCMS185, Maximum splice size SCMS400 with CT-2920/CCP AND CT-2920CH/CCP

For Instructions in Local Languages and Technical Support:
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