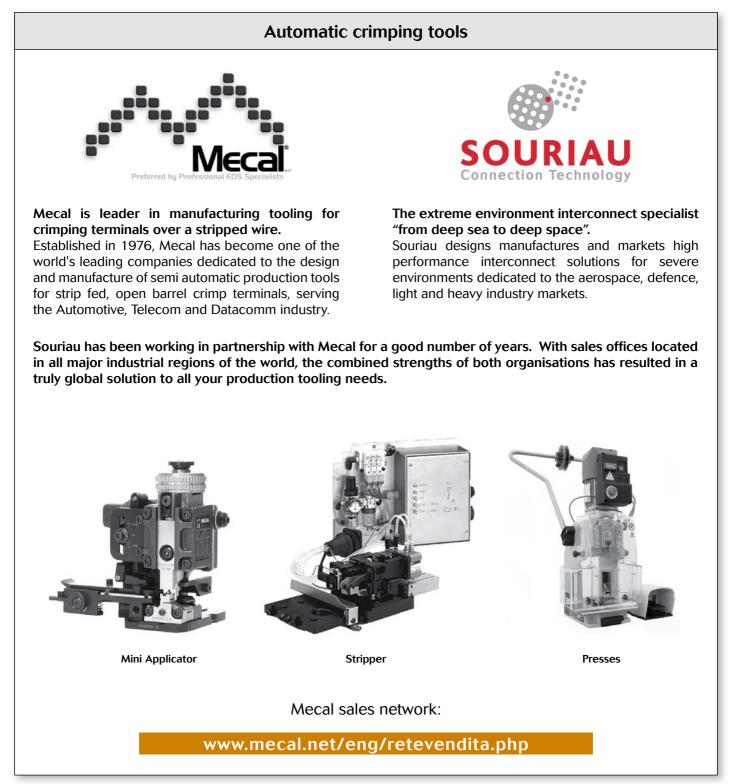
Trim Trio Series Tooling



### Tooling



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tandard c	ontacts					
ontact size	Part number	Head	Handles		-	SHANDLES
	RM/RC 24W3 -					STANDLES
_	RM/RC 20W3 -	S20RCM				
	RM/RC 18W3 - SM 24W3S - <sup>(1)</sup>					
#20 1mm -	SC 24W3S - <sup>(1)</sup>					
-	SM 24WL3S - <sup>(2)</sup> SC 24WL3S - <sup>(2)</sup>	S205CM20			12-	
	SM/SC 20W3S - <sup>(1)</sup> SM/SC 20WL3S - <sup>(2)</sup>					
	RM/RC 28M1 -					<b>F</b>
	RM/RC 24M9 -	S16RCM20				A A
-	RM/RC 20M13 -	STORCHEO				
F	RM/RC 20M12 -	C1CDCM1C	SHANDLES			1 million 2
-	RM/RC 16M23 -	S16RCM16				
F	RM/RC 14M50 - RM/RC 14M30 -	S16RCM1450				
#16	SM/SC 24M1 -	S16RCM14				
1.6mm	SM/SC 24ML1 -	SIECONDO				
	SM/SC 20M1 -	S16SCM20				51060210936
	SM/SC 20ML1 - SM/SC 16M1 -	+			A COM	
	SM/SC 16ML1 -	S16SCML1			And	
	SM/SC 14M1 -	SIDSCHLI		51060210024		
F	SM/SC 14ML1 - SM/SC 16M11 -			51060210924		
	SM/SC 16ML11 -	S16SCML11				
ontact size	Part number	Te Hand tool	ool with separa Posit	te locator tioner + locator	setting	Extraction tools
	8291 1457N- / 8291 1456-				1-2	
Ļ	8291 1459N- / 8291 1458-				2	
#12	8291 1461N- / 8291 1460-	M317	VGE	VGE10077A		5106020924
2.4mm	8291 1463N- / 8291 1462-	-	102100///		3	
-	8291 1465N- / 8291 1464-	_		-	3	
	8291 1467N- / 8291 1466-				4 3	
F	8291 3601A / 8291 3600A 8291 3603A / 8291 3602A	-				
#8	8291 3605A / 8291 3604A 8291 3605A / 8291 3604A		VGE10078A		3 4	51060210936
	8291 3607A / 8291 3606A	11211			5	
3.6mm					6/7	
3.6mm	8291 3609A / 8291 3608A 8291 3609A / 8291 3608A					
pecific co	8291 3609A / 8291 3608A	Hand tools (SHANDLES)	 Tool	with separate lo	ocator	Dubus at 1 - 2
3.6mm pecific co ontact size	8291 3609A / 8291 3608A	Hand tools (SHANDLES) head	Tool Hand tool		ocator Locator setting	Extraction tool
pecific co	8291 3609A / 8291 3608A mtacts Part number RM28M1GE1-	head				Extraction tool
pecific co ontact size #16	8291 3609A / 8291 3608A					Extraction tool
pecific co contact size #16 Ø 1.6mm	8291 3609A / 8291 3608A	head S16RCM20	Hand tool	Positioner + 1	locator setting	Extraction tool
pecific co contact size #16 Ø 1.6mm Longer RM	8291 3609A / 8291 3608A	head S16RCM20 S16RCM16				Extraction tool
pecific co contact size #16 Ø 1.6mm	8291 3609A / 8291 3608A	head	Hand tool	Positioner + 1	locator setting	Extraction tool
pecific co contact size #16 Ø 1.6mm Longer RM	8291 3609A / 8291 3608A	head S16RCM20 S16RCM16	Hand tool	Positioner + ]	6/8 3	
pecific co ontact size #16 Ø 1.6mm Longer RM contact	8291 3609A / 8291 3608A	head S16RCM20 S16RCM16 S16RCM1450 S16RCM14	Hand tool	Positioner + ]	6/8 3 4/6	Extraction tool
pecific co ontact size #16 Ø 1.6mm Longer RM contact #16	8291 3609A / 8291 3608A	head	Hand tool	Positioner + ]	6/8 6/8 3 4/6 5/6	
pecific co ontact size #16 Ø 1.6mm Longer RM contact #16 Ø 1.6mm	8291 3609A / 8291 3608A  Ttacts  Part number  RM28M1GE1-  RM20M13GE1-  RM14M50 GE1-  RM14M50 GE1-  RM14M50 GE1-  RC28M1GE7- RC28M1GE7- RC20M13GE7- RC20M13GE7- RC20M13GE7- RC20M12GE7-	head       S16RCM20       S16RCM16       S16RCM1450       S16RCM14       S16RCM20	Hand tool MH860 M317	Positioner + 1 MH86186 UH25	6/8           3           4/6           5/6           5/7	
pecific co ontact size #16 Ø 1.6mm Longer RM contact #16 Ø 1.6mm Shorter RC	8291 3609A / 8291 3608A  Ttacts  Part number  RM28M1GE1-  RM20M13GE1-  RM14M50 GE1-  RM14M50 GE1-  RM14M50 GE1-  RC28M1GE7-  RC28M1GE7- RC20M13GE7- RC20M13GE7- RC20M13GE7- RC20M12GE7- RC16M23GE7- RC16M24 RC16M2	head           S16RCM20           S16RCM16           S16RCM1450           S16RCM14           S16RCM20           S16RCM14           S16RCM16	Hand tool MH860 M317	Positioner + 1 MH86186 UH25	6/8 6/8 3 4/6 5/6	
pecific co ontact size #16 Ø 1.6mm Longer RM contact #16 Ø 1.6mm	8291 3609A / 8291 3608A  Ttacts  Part number  RM28M1GE1-  RM20M13GE1-  RM14M50 GE1-  RM14M50 GE1-  RM14M50 GE1-  RC28M1GE7- RC28M1GE7- RC20M13GE7- RC20M13GE7- RC20M13GE7- RC20M12GE7-	head       S16RCM20       S16RCM16       S16RCM1450       S16RCM14       S16RCM20	Hand tool MH860 M317	Positioner + 1 MH86186 UH25	6/8           3           4/6           5/6           5/7	

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### **Extraction tools**



# Trim Trio Series



# Trim Trio Series Tooling



## Assembly instruction

#### UTS 1 JC / UTS 6 JC assembly: Crimp version · Slide accessories on the cable Adapter + mounted gasket Nut Coding ring Make sure the seal is positioned as shown. Strip external cable jacket • Strip wires and crimp contacts · Insert contacts into connector cavities (insert manually or use tool RTM205) Recommended Adapter Nut Ø Cable Ø Cable • Tight adapter with plug, choose right jacket strip Shell tightening tightening range range Ø Wire seal (waste the other seal), tight nut size length (mm) Standard Reducing torque torque Male Female (Nm) (Nm) seal seal with adapter (recommended torque 10 2.5/8.0 1.5/5.0 21 29 1.5 2 values to be applied according to 12 25 33 2 2.5 5.0/12.0 3.0/9.0 the table - right) 3.2 mm 29 36 3 2.5 7.0/14.0 5.0/12.0 max. 14

• Caution: only one of both delivered gasket should be used !

### UTS 6 JC assembly: Solder version

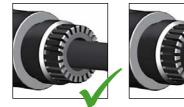
45

4

18

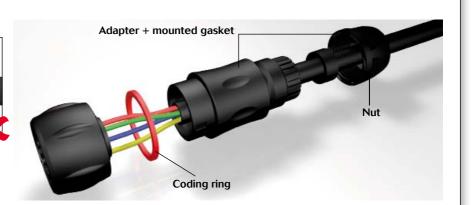
37

· Slide accessories on the cable



Make sure the seal is positioned as shown.

- Strip external cable jacket
- Strip wires and solder contacts
- Tight adapter with plug, choose right seal (waste the other seal), tight nut with adapter (recommended torque values to be applied according to the table - right)
- Caution: only one of both delivered gasket should be used !



3.5

9.0/18.0

7.0/16.0

Shel siz	- · · · ·	Adapter tightening torque (Nm)	Nut tightening torque (Nm)	Ø Cable range Standard seal	Ø Cable range Reducing seal	Ø Wire
8	17	1	0.75	2.5/6.5	1.5/5.0	
10	21	1.5	2	2.5/8.0	1.5/5.0	3.2 mm
12	25	2	2.5	5.0/12.0	3.0/9.0	max.
14	29	3	2.5	7.0/14.0	5.0/12.0	

# Trim Trio Series Tooling



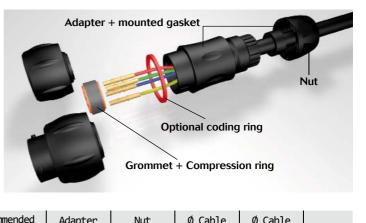
### UTS 1 GJC / UTS 6 GJC assembly

- Slide accessories on the cable (make sure to keep compression ring on the grommet)
- Strip external cable jacket
- Strip wires and crimp contacts
- Insert first contact into the grommet (first contact in cavity A, the contact pierces the grommet, no tool is required), then insert the contact in the connector cavity A (insert manually or use tool RTM205)
- Place the grommet and compression ring on the insulator
- Insert the other contacts

18

93.1

• Tight adapter with plug, choose right seal (waste the other seal), tight nut with adapter (recommended torque values to be applied according to the table - right).

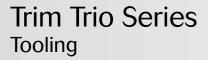


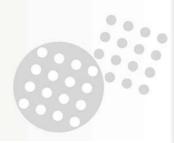
right nut	Shell size	jacket	nended strip n (mm) Female	Adapter tightening torque (Nm)	Nut tightening torque (Nm)	Ø Cable range Standard seal	Ø Cable range Reducing seal	Ø Wire	
iue	10	21	29	1.5	2	2.5/8.0	1.5/5.0	from	
1	12	25	33	2	2.5	5.0/12.0	3.0/9.0	1.7 mm	
,	14	29	36	3	2.5	7.0/14.0	5.0/12.0	to 3.0 mm	

97.2

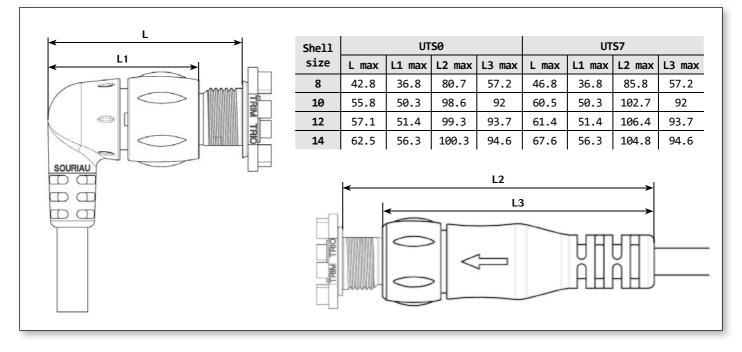
### Mated connector length

UTSO + UTS6			UTS7 + UTS6		
Shell size	UTSØ + UTS6 EN JC & CJC	UTSØ + UTS6 EN GN	UTS7 + UTS6 EN JC & CJC	UTS7 + UTS6 EN GN	
	A max	B max	C max	D max	
8	61.1	-	66.6	-	
10	73.2	39.6	77.3	43.7	
12	77.6	39.4	81.7	43.5	
14	83.5	40	87.6	44.1	





# **Dimensions overmoulded harnesses**



# Rated current & working voltage

