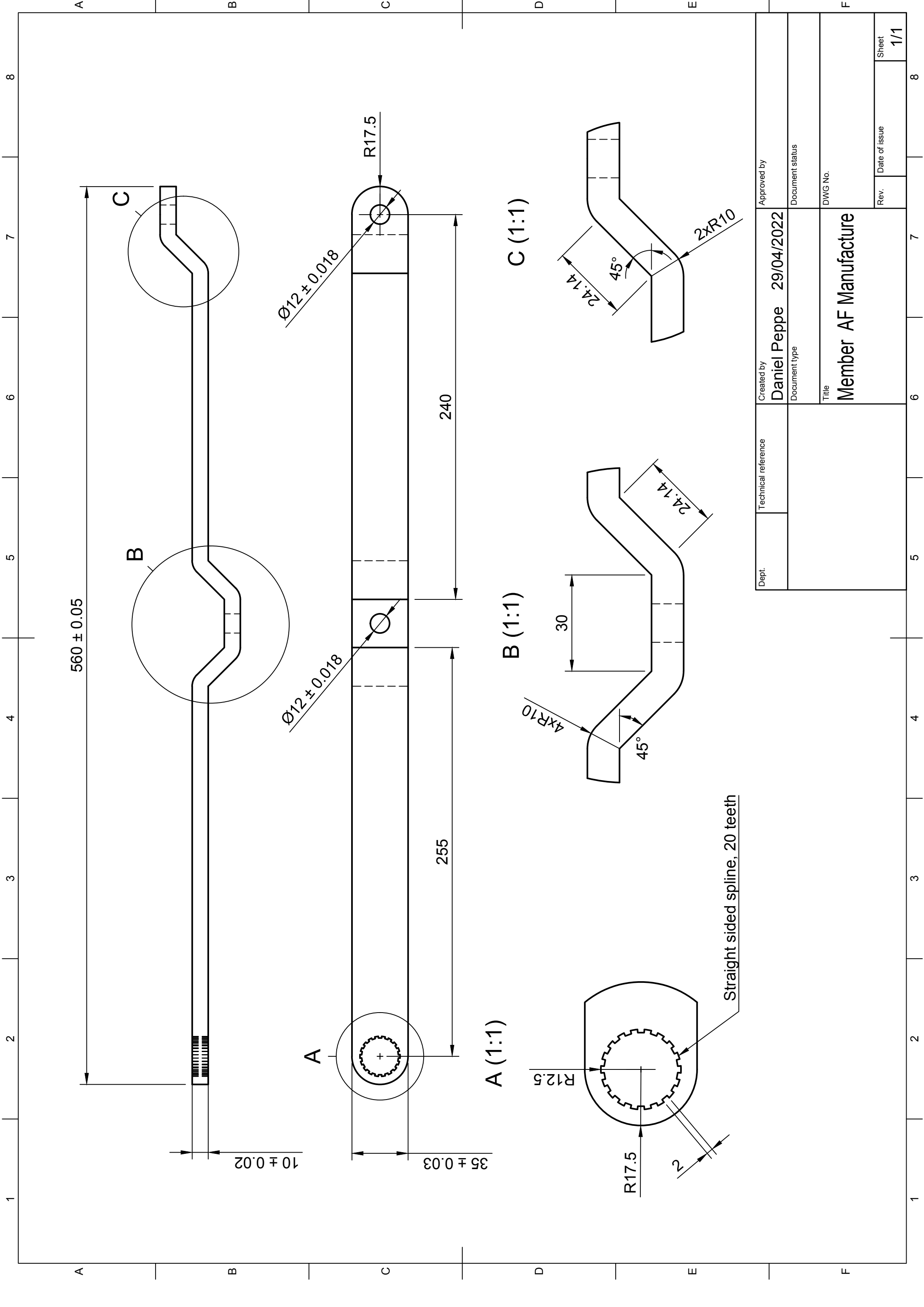
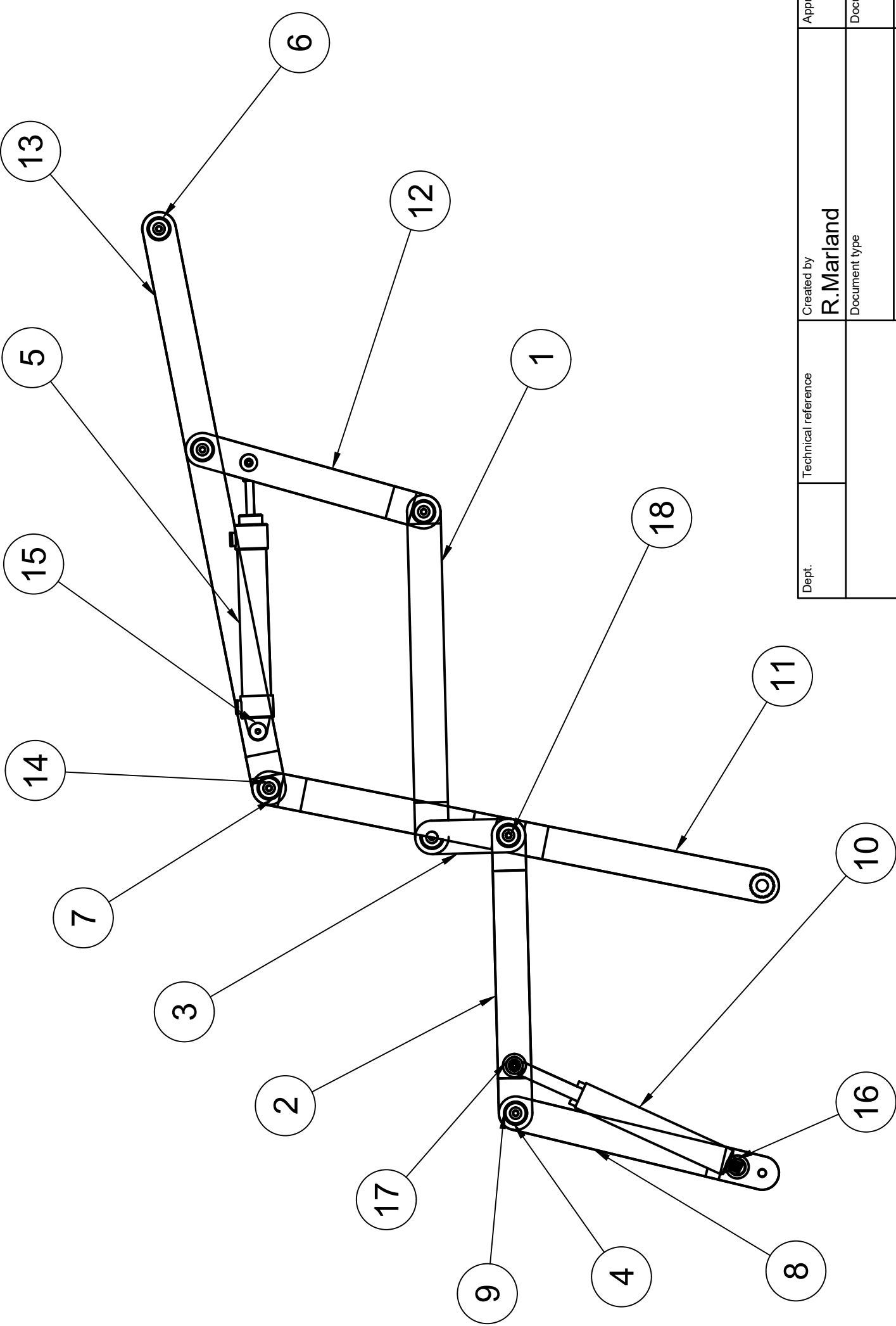
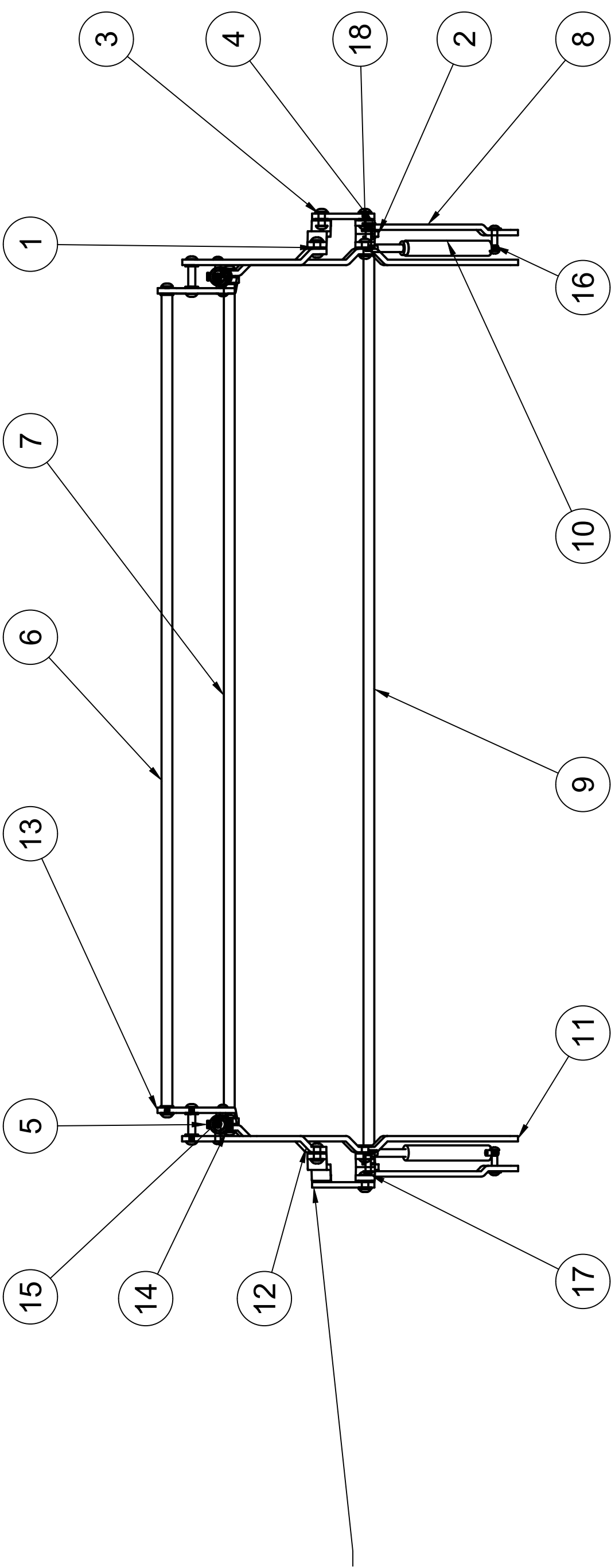
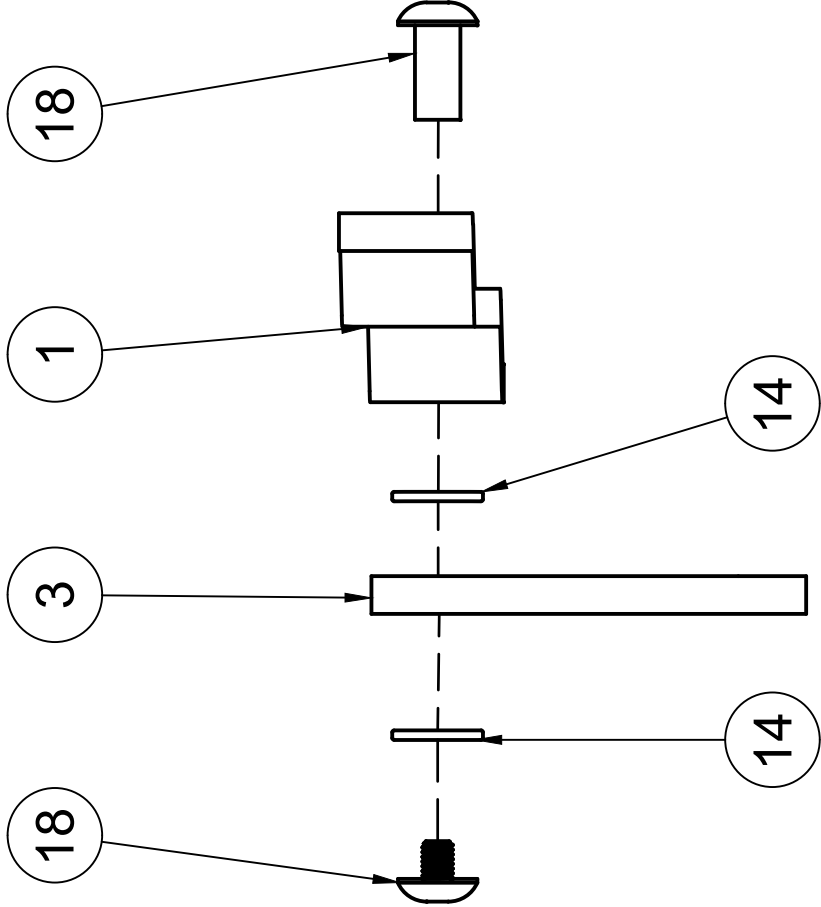


Collapsed and Extended drawings of the mechanism shown. Target area dimensions shown as well as final dimensions	Dept.	Technical reference	Created by R.Marland	29/04/2022	Approved by	
			Document type		Document status	
			Title			
			Extended Mechanism			
			Collapsed Mechanism			
		Final + Target Values				
		Rev.	Date of issue		Sheet 1/1	



Close View of Joint D1

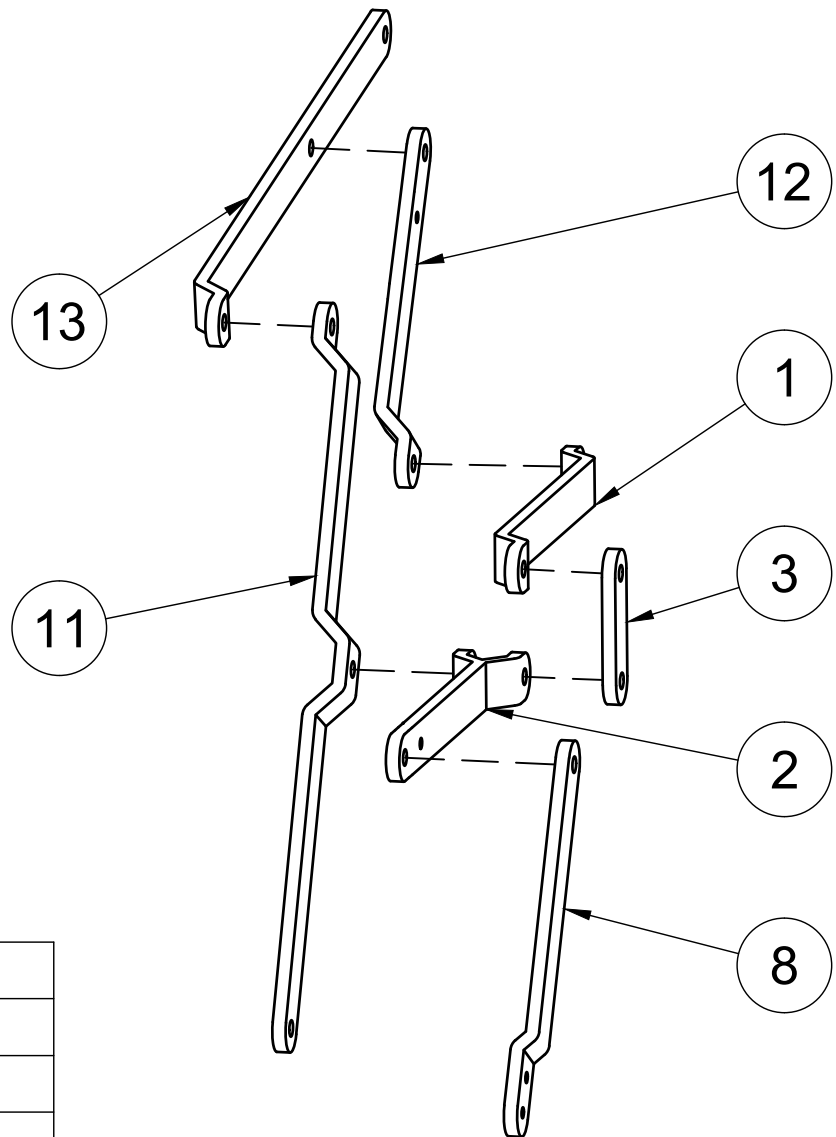


Item	Part Name	Description	Material
18	Standard Joint Fixing	Binder Screw and Nut M8 x 25mm	Stainless Steel
17	Spring Damper Fixing	Binder Screw Bolt and Nut M8 x 40mm	Stainless Steel
16	Spring Damper End Fitting	ASRAYMOND Model: EF-12778	Steel
15	Viscous Damper Fixing	Binder Screw and Nut M8 X 40mm	Stainless Steel
14	Washer	M12 x 2.5mm 24mm OD Material: Steel	
13	Member FH	595mm Length	Steel
12	Member EG	240mm Length	Steel
11	Member AF	525mm Length	Steel
10	Spring Damper	INDUSTRIAL GAS SPRINGS Model: 14-4-11.02-T-T-RV-56 LBS	N/A
9	Connecting Member C	Connects C Points, M8 Thread each end 1293mm x 10mm radius	Steel
8	Member BC	265mm Length	Steel
7	Connecting Member F	Connects F Points, M8 Thread each end 1123mm x 10mm radius	Steel
6	Connecting Member H	Connects H Points, M8 Thread each end 1088mm x 10mm radius	Steel
5	Viscous Damper	KOBA rate control shock absorber Model: KRC30-100	N/A
4	Connecting Bar Fixing	M8 x 30mm Screw Material: Stainless Steel	
3	Member DD1	80mm Length	Steel
2	Member CD	290mm Length	Steel
1	Member D1E	340mm length	Steel
Parts List			

Dept.	Technical reference	Created by R.Marland	Approved by
		Document type	Document status
		Title Car Roof Assembly Drawing	DWG No.
Rev.	Date of issue	Sheet	1/1

Display of RHS Mechanism

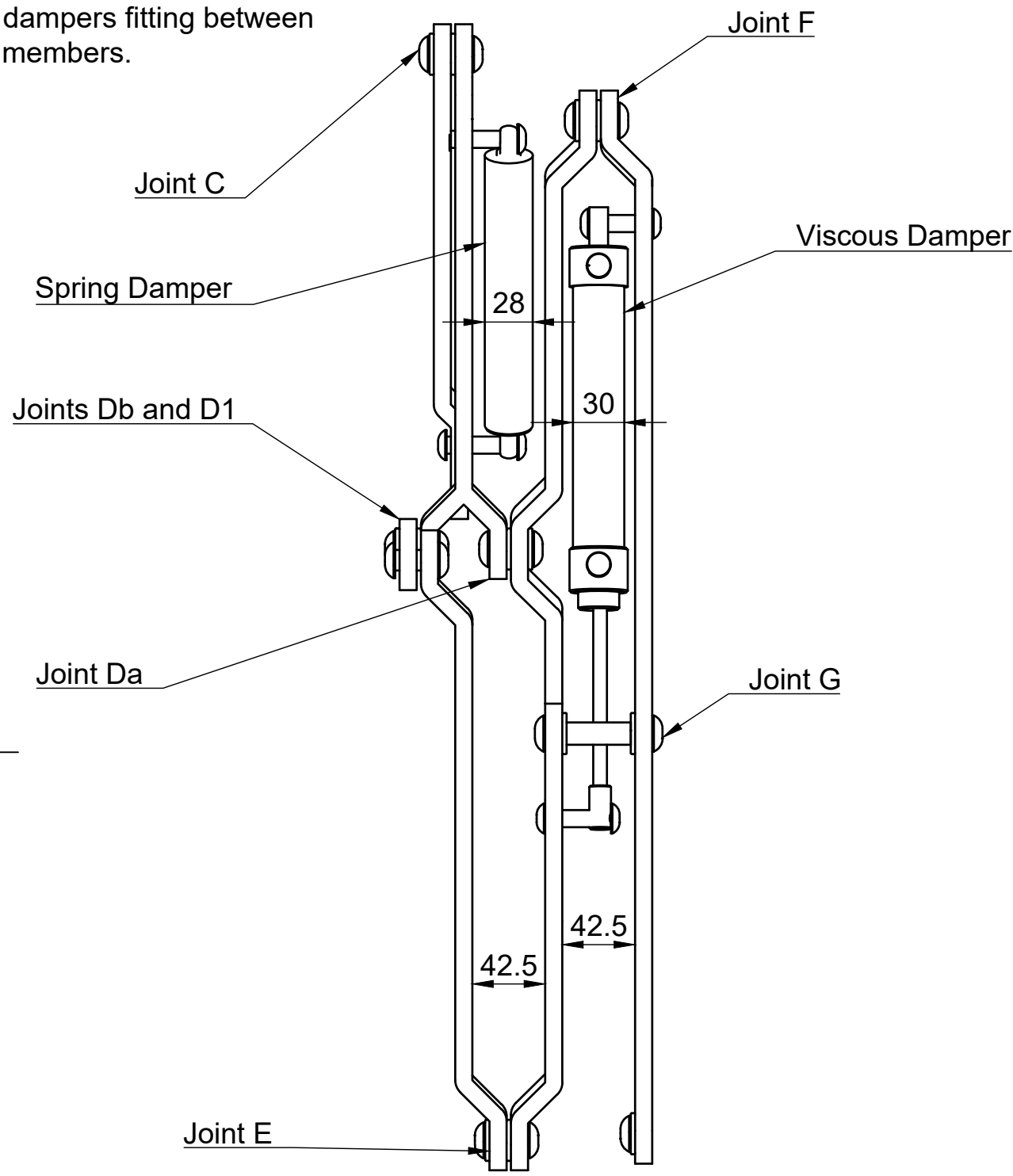
Highlighting how the
Mechanism Members
assemble together



13	Member FH
12	Member EG
11	Member AF
8	Member BC
3	Member DD1
2	Member CD
1	Member D1E
Item	Part Name
Parts List	

Dept.	Technical reference	Created by R.Marland	29/04/2022	Approved by
		Document type	Document status	
		Title Member Assembly	DWG No.	
		Rev.	Date of issue	Sheet 1/1

Top view of collapsed mechanism, illustrating dampers fitting between members.



Units:mm

Dept.	Technical reference	Created by R.Marland	29/04/2022		Approved by		
		Document type	Document status				
		Title Damper Fitting	DWG No.				
			Rev.	Date of issue	Sheet 1/1		