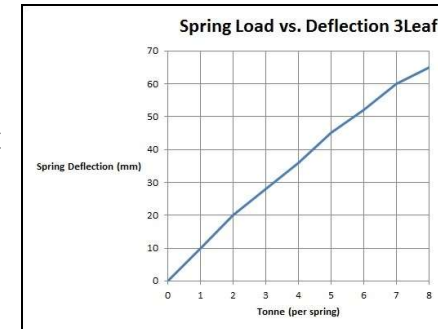
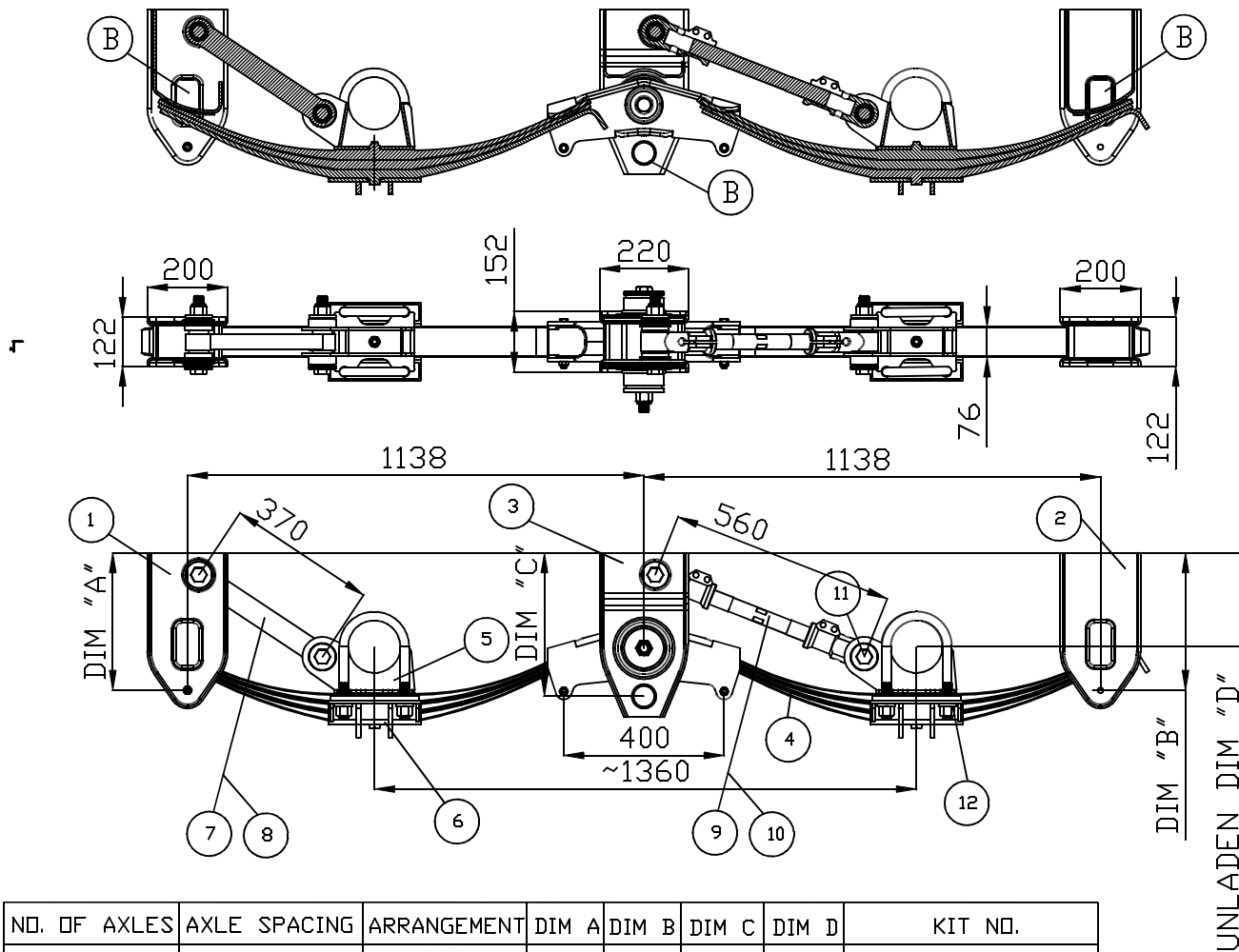


	DESCRIPTION	SUSP G 20560 348	QTY.		DESCRIPTION	SUSP G 20560 348	QTY.
1	UUS FRONT HANGER	36085	2	7	RIGID TORQUE ARM 370mm LONG	36089	1
2	UUS REAR HANGER	36086	2	8	ADJ. TORQUE ARM 370mm LONG	36092	1
3	UUS CENTRE HANGER	36087	2	9	RIGID TORQUE ARM 560mm LONG	36091	1
4	3 LEAF SPRING	36032	4	10	ADJ. TORQUE ARM 560mm LONG	36094	1
5	UUS SPRING SEAT	36096	4	11	TORQUE ARM BUSH BOLT ASSY	36061	8
6	UUS SPRING CLAMP PLATE	36088	4	12	U-BOLT M22 x 245mm LONG 90mm THREAD	36095	8

DIRECTION OF TRAVEL


TONNE PER SPRING

SPRING
DEFLECTION
(mm)

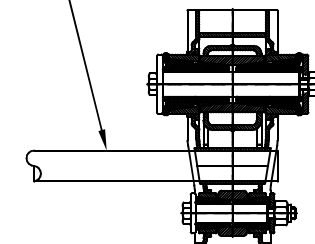
EXAMPLE:
9T PER AXLE= 4.5T PER SPRING
DEFLECTION = 40mm
LADEN RIDE HEIGHT = 230 - 40 = ~190mm

FRONT AND REAR HANGER BRACING =
SUSPENSION CENTRE DIMENSION - 100mm.

CENTRE HANGER BRACING = SUSPENSION
CENTRE DIMENSION + 150mm.

BRACING TUBE = $\varnothing 48$ PIPE 4mm WALL.

B = POSITION OF BRACING TUBE



NO. OF AXLES	AXLE SPACING	ARRANGEMENT	DIM A	DIM B	DIM C	DIM D	KIT NO.
2	1360	ULTRA UNDERSLUNG	343	343	356	235	SUSP G 20560 348

THE DRAWING IS FOR INFORMATION PURPOSES ONLY AND MAY BE SUBJECT TO CHANGE. ANY DEVIATION MUST BE REQUESTED AND APPROVED IN WRITING. THE SPECIFICATION AND INSTALLATION OF THIS EQUIPMENT IS SOLELY THE RESPONSIBILITY OF THE INSTALLER. INSTALLATION INSTRUCTIONS, GUIDELINES AND LOAD PRESSURE DIAGRAMS CAN BE FOUND ON WWW.GRANNINGAXLES.IE. AXLE

DO NOT SCALE IF IN DOUBT ASK	DESIGNED FOR TANDEM AXLE ULTRA UNDERSLUNG 1360 SPREAD	UNSPECIFIED TOLERANCES	ALL ALTERATIONS TO BE VIA CAD
ALL DIMENSIONS ARE IN MILLIMETRES	NO DECIMALS $\pm 1\text{mm}$ ONE $\pm 0.5\text{mm}$ TWO $\pm 0.2\text{mm}$ ANGULAR $\pm 0^\circ - 3'$	ESTIMATED ACTUAL	SCALE 1:1
COMPONENTS TO CARRY PART NO. AT LOCATION			
BATCH DATE			
SUPPLIER CODE			
BURRS AND SHARP EDGES TO BE REMOVED			
ORIGINAL FRAME SIZE 809mm x 562mm			

ITEM	PART NO.	QTY.	DESCRIPTION	NOTES
BILL OF MATERIALS				
DRAWN BY MILLER				
DATE 14 SEPT 05				
AUTHORISED S.M.				
CHECKED S.M.				
SUPERSEDES				

DISPOSITION	DATE	BY
SPRING CREATION CHANGED	-	ENGMC
HANGERS UPDATED	-	ENGMC
THE RIDE HEIGHT TO 230mm	-	ENGJ
REDRAWN	-	ENGJ
REVISED AFTER MODIP	-	ENGJ
DWG REVISED	-	ENGJ
1st ISSUE	-	ENGJ

MODIFICATIONS	DATE	BY
Granningaxles		
Engineered Transport Solutions		
Grannings Manufacturing Ltd		
Chase Ind. Est. - Naas		
Tel: 00 353 45 897 553		
www.granning.ie		
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OUR WRITTEN PERMISSION.		
MATERIAL		
SEE BILL OF MATERIALS		
FINISH		
TITLE		
TANDEM AXLE ULTRA		
UNDERSLUNG 1360 SPREAD		
DRAWING NO. 20560		
SHEET 1 OF 1		