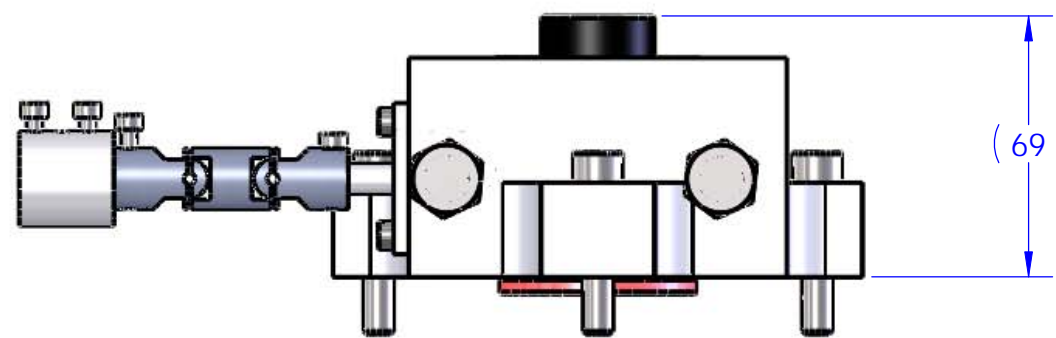
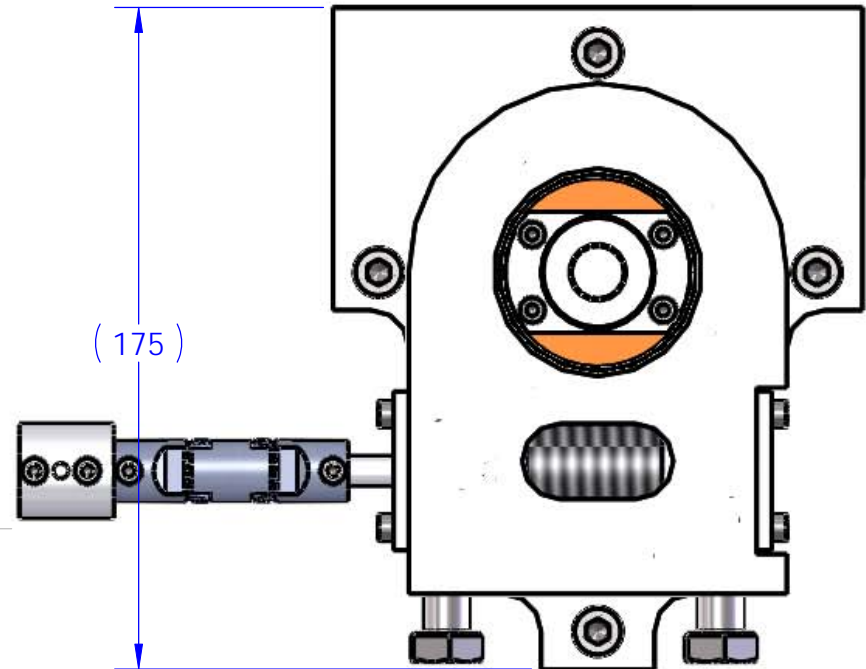



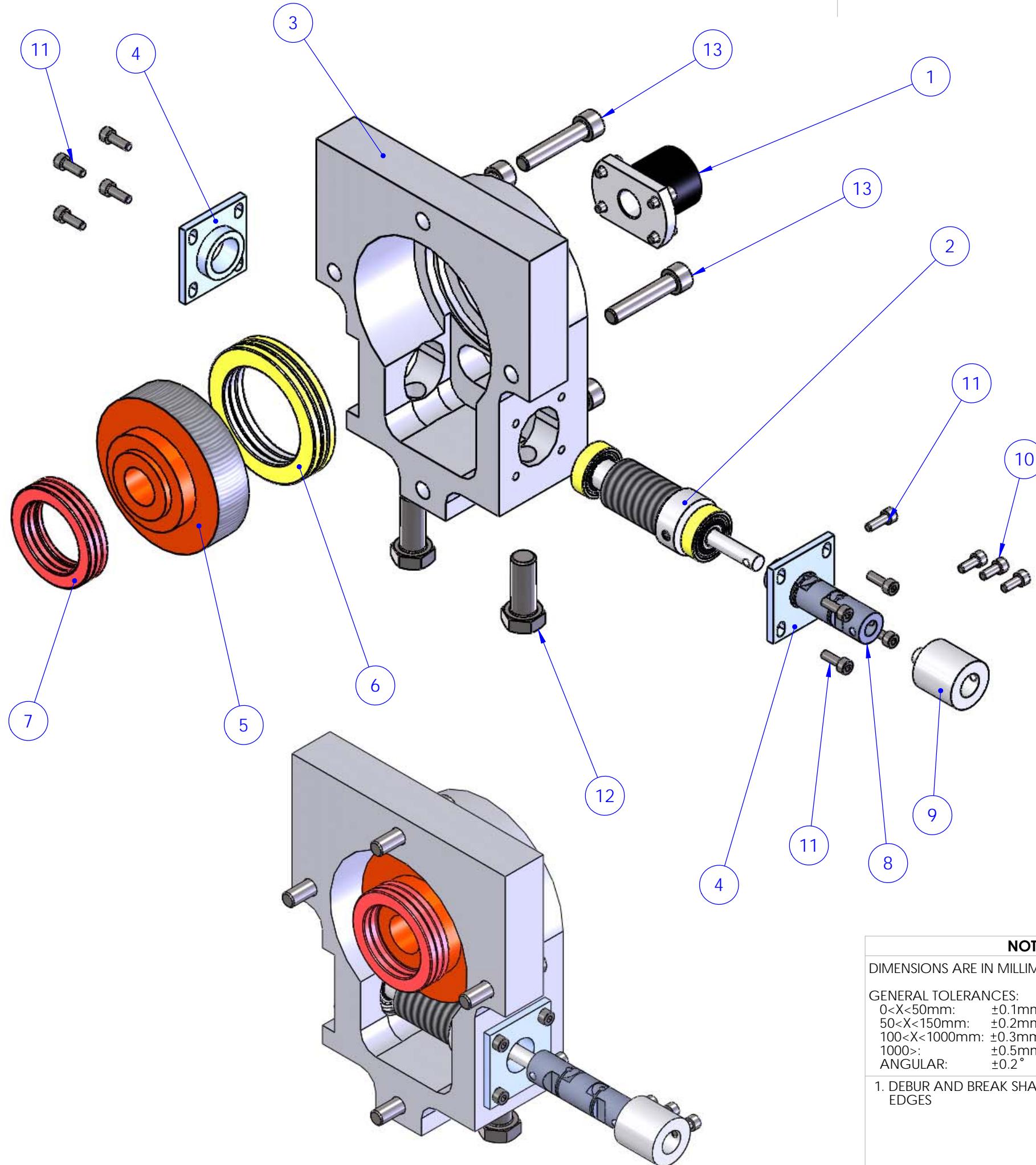
SECTION A-A



GENERAL ARRANGEMENT

NOTES (UNLESS OTHERWISE SPECIFIED):		DO NOT SCALE DRAWING		A3															
DIMENSIONS ARE IN MILLIMETERS		 Institute for Gravitational Research University of Glasgow GEO 600 Group																	
GENERAL TOLERANCES: 0<X<50mm: ±0.1mm 50<X<150mm: ±0.2mm 100<X<1000mm: ±0.3mm 1000>: ±0.5mm ANGULAR: ±0.2°		QUANTITY: MATERIAL: *-* SURFACE TEXTURE (µm): -- ✓ UNLESS STATED	SYSTEM: IGR_MKII Strength Testing Machine SUB-SYSTEM: --																
1. DEBUR AND BREAK SHARP EDGES		FINISH: --	ASSEMBLY: Worm Wheel Drive Assembly PART NAME: Worm Wheel Drive Assembly																
		<table border="1"> <thead> <tr> <th></th> <th>NAME</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DRAWN</td> <td>R.JONES</td> <td>APR08</td> </tr> <tr> <td>CHK'D</td> <td>--</td> <td>--</td> </tr> <tr> <td>APPV'D</td> <td></td> <td></td> </tr> <tr> <td>Q.A</td> <td></td> <td></td> </tr> </tbody> </table>		NAME	DATE	DRAWN	R.JONES	APR08	CHK'D	--	--	APPV'D			Q.A			DWG NO. D080200 SCALE: 1:2 PROJECTION: (3rd ANGLE)	REV: v1 SHEET 1 OF 2
	NAME	DATE																	
DRAWN	R.JONES	APR08																	
CHK'D	--	--																	
APPV'D																			
Q.A																			

EXPLODED ISOMETRIC



ITEM NO.	PART NUMBER	QTY.
1	Rolled Ballscrew_MRB1404B_280R300 C10-50_nut	1
2	D080219_Worm Assembly (WH2-1)	1
	HPC_Worm_WH2-1	1
	D080208_Worm Shaft	1
	629_2rsh	2
	ISO 4029 - M5 x 12-N	2
3	D080207_Worm Wheel Housing	1
4	D080220_Worm Wheel Drive Assembly_Worm Scarf Plate	2
5	D1002157_Antibacklash Worm Wheel (ABM 2-40)	1
6	SKF Thrust Bearing_51110	1
7	SKF Thrust Bearing_51107	1
8	D1002158_Universal Joint Remachine (U5-434 652)	1
9	D080279_Coupling_Motor to UJ	1
10	ISO 4762 M4 x 10 --- 10N	7
11	ISO 4762 M4 x 12 --- 12N	9
12	ISO 4017 - M12 x 30-N	2
13	ISO 4762 M8 x 40 --- 40N	4

NOTES (UNLESS OTHERWISE SPECIFIED):

DIMENSIONS ARE IN MILLIMETERS

GENERAL TOLERANCES:
 0<X<50mm: ±0.1mm
 50<X<150mm: ±0.2mm
 100<X<1000mm: ±0.3mm
 1000>: ±0.5mm
 ANGULAR: ±0.2°

1. DEBUR AND BREAK SHARP EDGES

QUANTITY:

MATERIAL:

SURFACE TEXTURE (µm):

✓ UNLESS STATED

FINISH:

	NAME	DATE
DRAWN	R.JONES	APR08
CHK'D	--	--
APPV'D		
Q.A		

DO NOT SCALE DRAWING A3



Institute for Gravitational Research
University of Glasgow
GEO 600 Group

SYSTEM: IGR_MKII Strength Testing Machine

SUB-SYSTEM: --

ASSEMBLY: Worm Wheel Drive Assembly

PART NAME: Worm Wheel Drive Assembly

DWG NO. D080200

REV: v1

SCALE:1:2

PROJECTION: (3rd ANGLE)

SHEET 2 OF 2