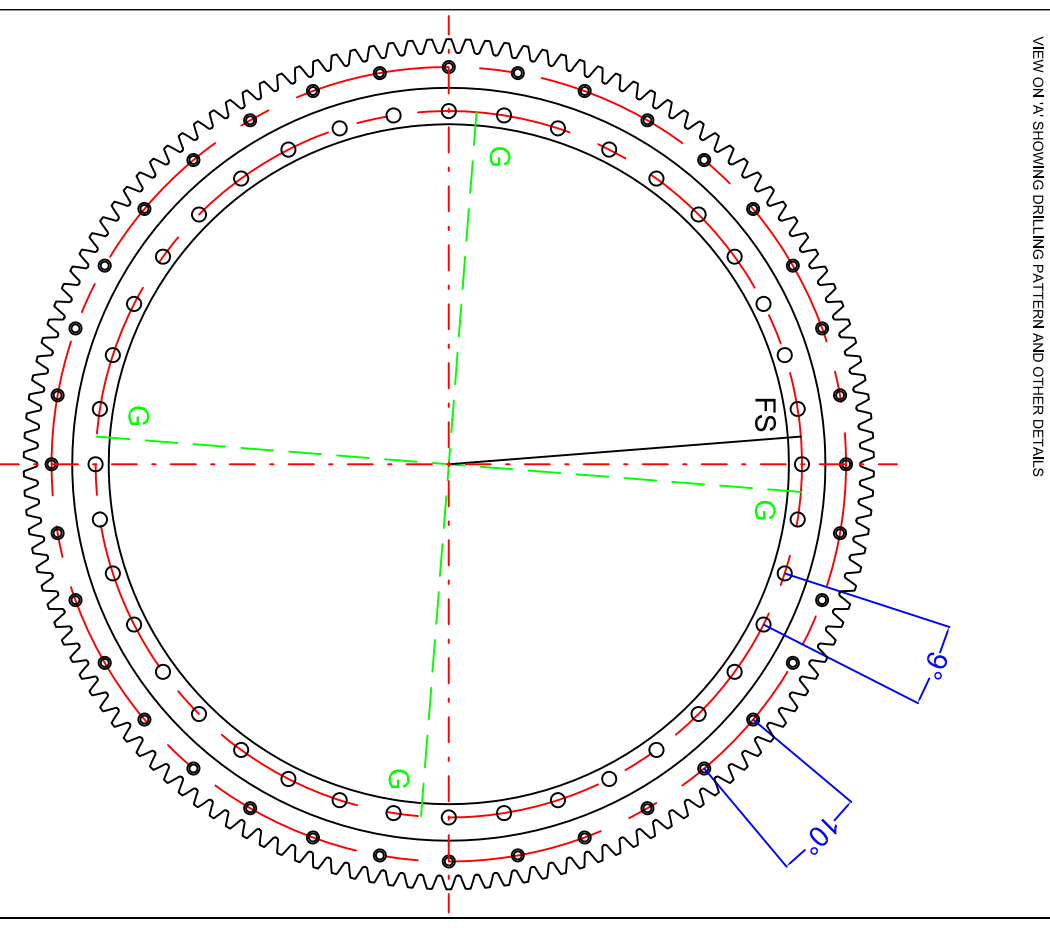
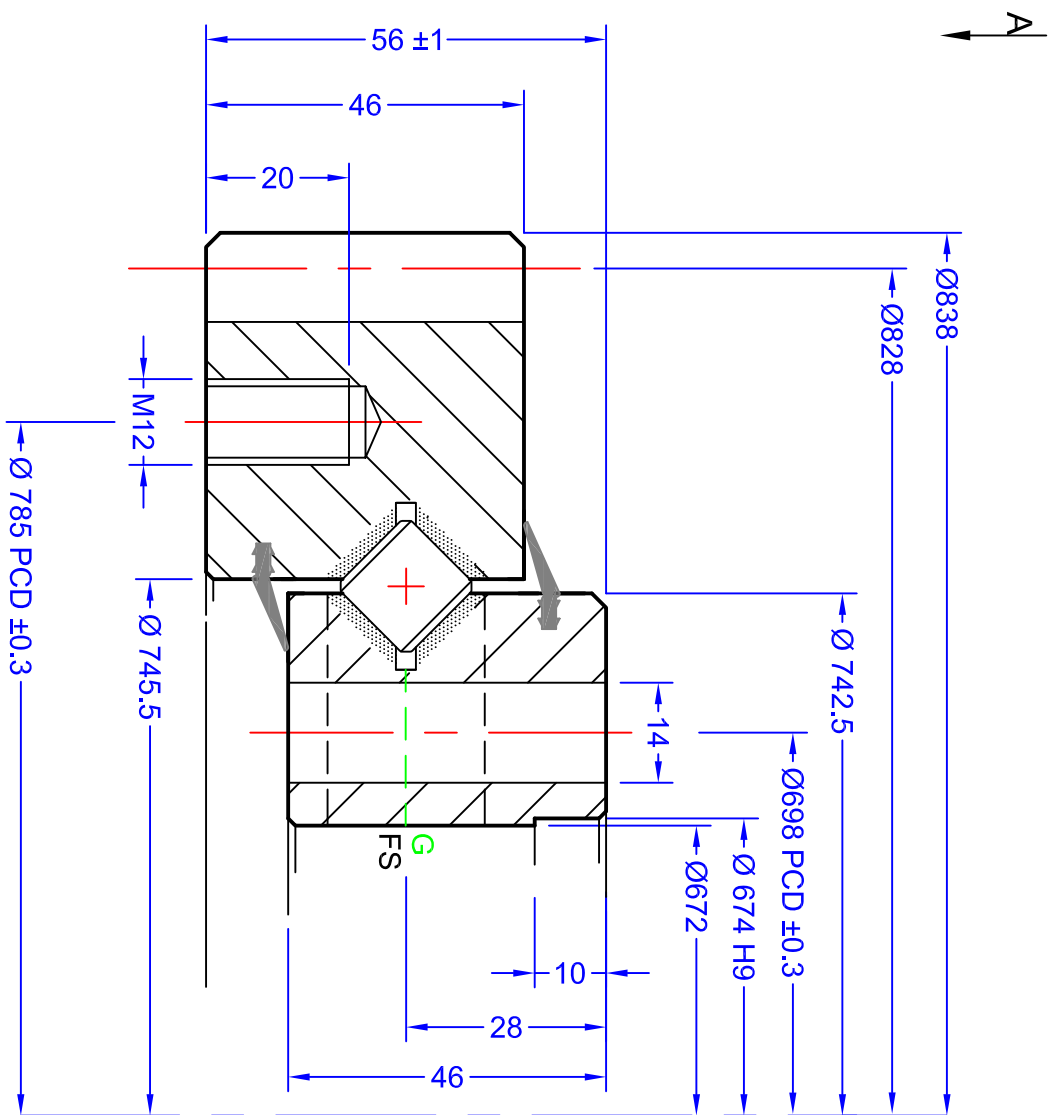


GEN. TOLERANCES	0.5 - 6	±0.1	6 - 30	±0.2	30 - 120	±0.3	120 - 315	±0.5	315 - 1000	±0.8	1000 - 2000	±1.2	2000 - 4000	±2	4000 - 8000	±3
GEN. MACHINING	✓	0.4	✓	1.6	✓	3.2	✓	6.3	✓	12.6	✓	25 ROUGH	✓	✓	✓	✓



GEAR DATA										Designed in accordance with designated QCB SLEWING RING STANDARDS Non toleranced dimensions to ISO 2768-1 m All burrs and sharp edges to be removed. Standard corner chamfer 1mm x 45° Internal radial and axial clearance figures to QCB standard 2014 or revisions thereof The HARDNESS GAP is to be indicated by stamped letter R or a PAINT mark on the exterior surface The high point of gear eccentricity to be indicated by GREEN or BLUE paint on 3 teeth									
SPUR		WORM		HELICAL															
HARDENED GEAR		NO																	
NUMBER OF TEETH (z)		138		MODULE (m)		6													
PRESSURE ANGLE (α)		20°		DP															
ADDENDUM COEFFICIENT (x)		0																	
PROFILE CORRECTION (km)		0		CALCULATED GEAR STRENGTH															
TRUNCATION (kn)		-0.95 mm		Fz (Normal)		KN		INNER		40 =		MOUNTING HOLES		Ø 14		AXIAL PLAY		0.12±0.28 mm	
PITCH CIRCLE DIAMETER		828 mm		Fz (Max)		KN		OUTER		36 =		MOUNTING HOLES		M12		RADIAL PLAY		0.12±0.28 mm	
MEASUREMENT ON K TEETH		mm		Pin Diameter		mm				G'		GREASE HOLES		4 x M8		MATERIAL		42CrMo4 Q&T	
RUNOUT NOT HARDENED/HARDENED										F'S		SOFT ZONE		R		WEIGHT		60 kg (est)	
																DEPTH OF HARDENING (S-MIN)		mm	
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REV	DATE	MODIFICATION		REVISED BY
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DRAWN: LW				
DATE: 25/01/2016				
CHECKED: LJM				
OCB RS 11/2016				

SEG 850 X14 01 AA LM