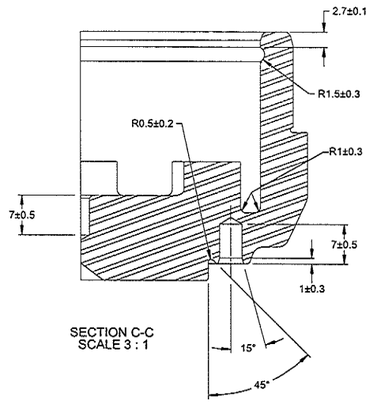
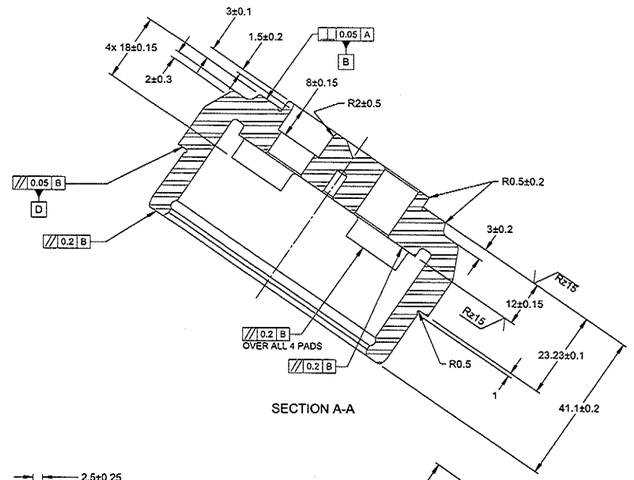
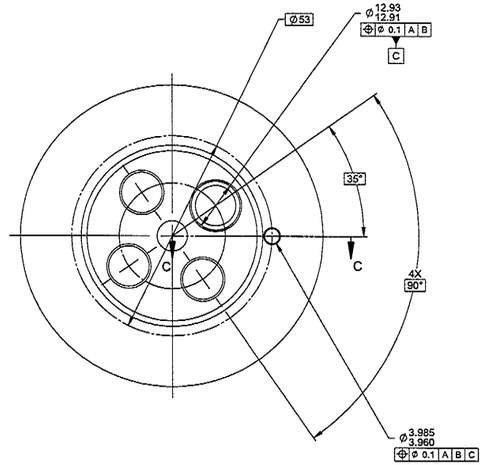
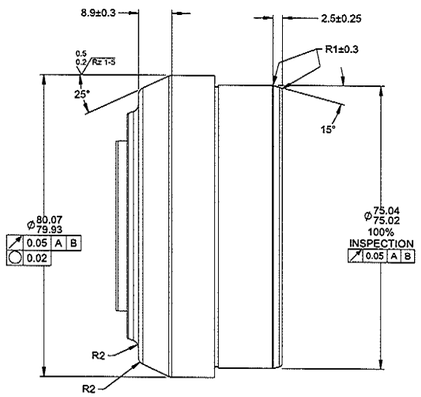


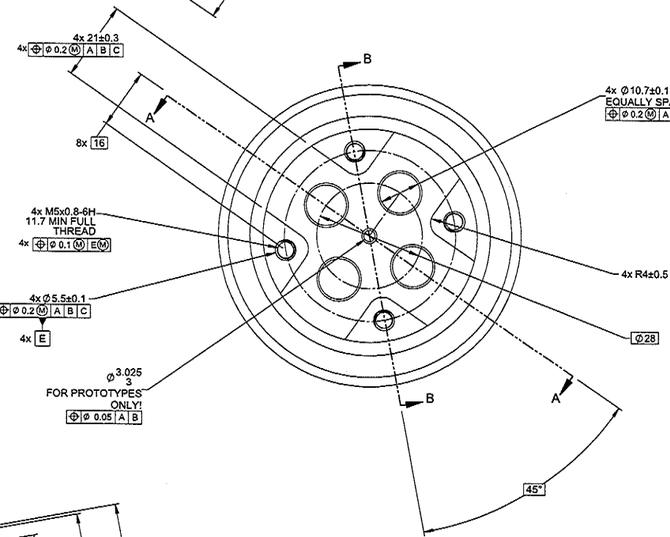
SECTION C-C
SCALE 3 : 1

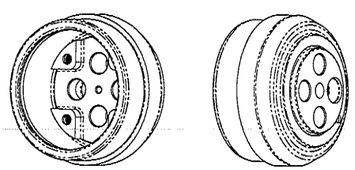


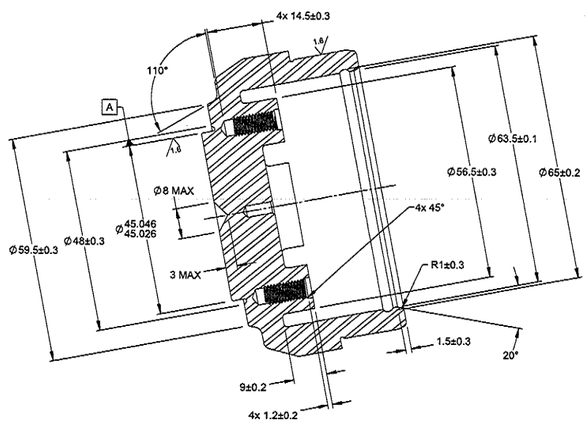
SECTION A-A











SECTION B-B

MANUFACTURING PROCESS FLOW CHART

FORGE SHAFT → INITIAL MACHINING → THROUGH HARD QUENCH AND TEMPER → FINISH MACHINE AS NECESSARY → FINISH

ITEM	DIM	FEATURE	NOTE
1		MATERIAL	FORGED STEEL SCM440 PER KS D 3711, MACHINED.
2		FINISH	RUST VETO FB20 RUST PREVENTATIVE, AT LEAST 10% CONCENTRATION WITH WATER. DRY TO TOUCH AFTER APPLICATION.
3		FILLETS/RADII	ALL FILLETS/RADII 0.5-1 UNLESS OTHERWISE NOTED.
4	REF	MASS	722g
5		THROUGH HARD QUENCH AND TEMPER	DECARBURIZATION NOT ALLOWED ON ANY SURFACES. 48-51RC HARDNESS THROUGHOUT PART. DIMENSIONS APPLY AFTER HARDENING.
6		RUNOUT	ALL DIAMETERS CONCENTRIC TO A 0.2 A B UNLESS SPECIFIED OTHERWISE.
7		DEFECTS	NO METALLURGICAL DEFECT ALLOWED: FORMING DEFECT MICRO CRACKS FOLD OVERS LAMINATION

EGAMS - PART DIMENSION CROSS REFERENCE (NOMINAL)

A	B	C	D	E
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KEYWORD		--		

FOR QUOTATION ONLY

REV	ZONE	DIN	DATE	REVISION DESCRIPTION	BY	CHK	APR
011			16NOV 2012	INITIAL RELEASE	CPN	JWD	

RESTRICTED AND REPORTABLE SUBSTANCES:
AS PER EUROPEAN (ELV) DIRECTIVE 2000/53/EC

PRODUCT STANDARDS APPLICABLE TO THIS DRAWING

SPECIAL DRAWING SYMBOLS

NO MANUAL CHANGES — DO NOT SCALE

GENERAL NOTES AND TOLERANCES UNLESS SPECIFIED

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NAME: **TORQFILTR SHAFT**

NUMBER: OPTION 1

FILENAME	APPL	SCALE
M:\pdg\active\TI50\SOM0540m2t	10282	2:1

DRAWN	CHK'D/PROOF	APPR'D/QD	DATE	STATUS
CPN		JWD	16NOV 2012	QUOTATION