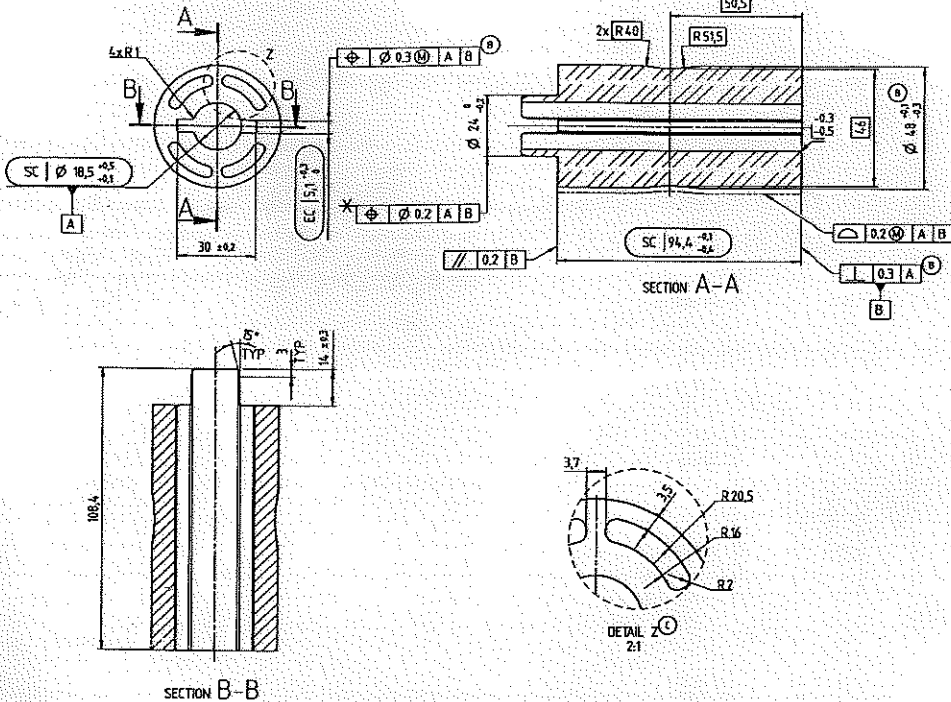


STRESS TESTING

TEST AREA BEFORE TEST  
(0.4 LENGTH FOR TEST)

TEST MACHINE SET-UP	
MAX. ERROR FORCE $F_e$	$\pm 1$ kN
MAX. RESOLUTION DISPLACEMENT $F_d$	0.5 $\mu$ m
TEST MACHINE STIFFNESS $C_m$	$\geq 200$ kN/mm
→ ensure effective test machine stiffness and test set up stiffness by use of extensometry	
TEST PARAMETERS	
MEASURING SPEED $V_m$	2 mm/min
PRELOAD $F_p$	1 kN
TEST LOAD 1 $F_1$	50 kN
TEST LOAD 2 $F_2$	116 kN
TEST LOAD 3 $F_3$	50 kN
HOLDING TIME AT $F_2$ $\Delta t$	5 sec
REQUIREMENTS	
COMPRESSION	SC   $s_p - s_c \leq 0.19$ mm

BLOCK 1



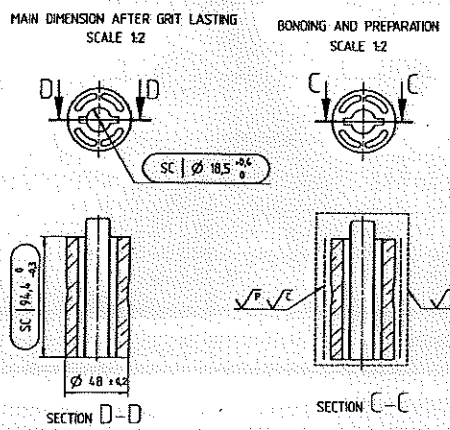
REV/INT	FIELD	REV. NO.	CHANGE DESCRIPTION	DATE	NAME
A	1		INITIAL PRINT	07-Mar-2023	Arons, Heers
B	00	02/2023000	AS PER 251	08-Apr-2023	Zohm, Reijntjes
C	2	02/2023000	MATERIAL REVISED, WEIGHT REDUCTION CAVITIES / DETAIL VIEW ADDED	24-Aug-2023	Singh, Gurevich

NOTE:  
1) PART MUST COMPLY WITH THE REQUIREMENTS OF EN 8 HAZARDOUS MATERIAL CONTENT AS SPECIFIED IN M&M STANDARD F001474 (REV-3), AS PER THE MARKET REQUIREMENTS IN CASE OF MULTIPLE MARKETS, PART MUST COMPLY WITH ALL LEGISLATIVE REQUIREMENTS OF THE RESPECTIVE MARKET

\* TO BE DEFINED / FINALISED AFTER RESULTS OF PROTOTYPE PARTS

AS NECESSARY MARKING MUST APPEAR IN LOCATION NOTED ON DRAWING AND SHOULD BE READABLE  
PART MUST BE FREE OF BURRS, SHARP EDGES OR FLASHING WHICH MAY BE DETRIMENTAL TO SATISFACTORY ASSEMBLY, SAFE HANDLING, APPEARANCE OR FUNCTION  
THIS PRINT SUPERSEDES ALL INDUSTRY STANDARDS NOT SHOWN  
FEATURES FOR MANUFACTURING PURPOSES PERMISSIBLE PER VIBRACOUSTIC ENGINEERING APPROVAL  
FOR FEATURES WITHOUT DIMENSION REFER TO 3D MODEL  
NO CHANGES ALLOWED WITHOUT VIBRACOUSTIC APPROVAL

BLOCK 2



CONDITION	SYMBOL	SPECIFICATION	REFERENCE STANDARD	RESPONSIBLE
PREPARATION ITEM		DETAILED SPECIFICATION IN THIS AREA. IF NO REFERENCE STANDARD OR SPECIAL RESTRICTION OF EMPHASIS IS NEEDED ON SOME CHARACTERISTICS	REL. 4(1) REFERENCE STANDARD	DEFINE RESPONSIBLE
DELIVERY		EX. FREE FROM ALL POSSIBLE CONTAMINANTS THAT COULD NOT BE REMOVED BY STANDARD VC DEGREASING PROCESS	DPH 01-74-0006	COMPONENT SUPPLIER
PREPARATION SURFACE	DEGREASING	<input checked="" type="checkbox"/> ALKALINE WASH	YES-10300.2 Rev. 8	BONDING SUPPLIER
	BLASTING	<input checked="" type="checkbox"/> STEEL SHOT	YES-10400.1 Rev. 2	BONDING SUPPLIER
BONDING SURFACE	PRIMER	<input checked="" type="checkbox"/> CHEM-PLOK 205	YES-2000.1 Rev. 7	BONDING SUPPLIER
	COVER	<input checked="" type="checkbox"/> CHEM-PLOK 608	YES-2000+	BONDING SUPPLIER

PREPARATION AREA MARKED	ALUMINUM STEEL
INCREASE OF LENGTH (mm)	+0.1 -0.05
BORE CONTRACTION (mm)	-0.1 -0.05
INCREASE OF OUTER Ø (mm)	+0.1 -0.05

SPECIAL CHARACTERISTICS  
CCACC@SC/EC  
ACC. TO: GP-01-74-0007

GENERAL TOLERANCES		DATE	NAME	MATERIAL
CAST IRON WITH SPHEROIDAL GRAPHITE	ALUMINUM FINISHED ON DI 500-3	08/02/2023	Arons, Heers	EN 10203-2018
STEEL	ALUMINUM FINISHED ON DI 500-3	08/02/2023	Singh, Gurevich	AS PER EN 251
OTHERS	ALUMINUM FINISHED ON DI 500-3	08/02/2023	Singh, Gurevich	AS PER EN 251
CORE		RELEASE STATUS		designed
CORE		DESCRIPTION		designed
CORE		DRAWING NUMBER		XC-CS2490-200
CORE		REV. SHEET		C 1/1
CORE		REV. SHEET		C 1/1

Vibracoustic

