



DETAIL-A
SCALE-2:1

- ALL EDGES BROKEN PER DIN 6784
- ALL DIMENSIONS IN mm
- GENERAL TOLERANCES AS PER DIN ISO 2768 mH
- GEOMETRIC TOLERANCES AS PER DIN ISO 1101
- THREAD AS PER LN 9163: ROLLED
- SURFACE ROUGHNESS PER DIN ISO 1302 3.2 (0.8 0.2)
- TEMPERATURE RANGE :-55°c to +163°c
- SURFACE TREATMENT:
ROD END BODY: PASSIVATED PER SAE-QQ-P-35 typ VII
- ROTATIONAL BREAKAWAY TORQUE: $0.25-4.4$ Nm
- NO RADIAL AND AXIAL CLEARANCE PERMISSIBLE
- LOAD CAPACITY:
 - STATIC RADIAL LIMIT LOAD: 570 kN
 - STATIC RADIAL ULTIMATE LOAD: 855 kN
 - AXIAL PROOF LOAD: 31 kN
- THE FOLLOWING CERTIFICATES WILL BE ATTACHED DURING DELIVERY
 - MATERIAL CERTIFICATE
 - ULTRASONIC INSPECTION REPORT OF RAW MATERIAL PER AMS 2630 or AMS2632
 - ACHIEVED HARDNESS OF FINISHED PRODUCT
- INDICATES CRITICAL DIMENSIONS TO BE INSPECTED FOR THE ENTIRE PRODUCTION QUANTITY
- ONE REALIZED BEARING SHALL BE 100% DIMENSIONALLY INSPECTED
- WHILE INSPECTING THE M42x3 THREAD, THE MAJOR DIAMETER TO BE MEASURED. IN ADDITION THREAD GAUGE CHECKING VIA GO & NO-GO GAUGE SHALL BE REPORTED.
- STAKED GROOVE TO BE INSPECTED AS PER MIL-STD-1599 REQUIREMENT 202
- UNIQUE ID GIVEN SHOULD BE ABLE TO DISTINGUISH BETWEEN DIFFERENT HEAT BATCHES

4	TEFLON BASED SELF LUBRICATING LINER	1	-	EN2755 SAE AS 81820
3	OUTER RING	1	W.Nr.1.4548/ 17-4 PH H1150	HRc 28-36 THESE VALUES ARE APPLICABLE BEFORE SWAGING
2	ROD END BODY	1	W.Nr.1.4548.4/ 17-4 PH H1025	HRc 35-42
1	INNER RING	1	W.Nr.1.3544.9/ 440 C	HRc 58-62
ITEM No.	DESCRIPTION	QTY.	MATERIAL	REMARKS

TITLE		ROD END BEARING RE45 RH		
DRG.NO.	RE-45-RH-110			REV.No. 0