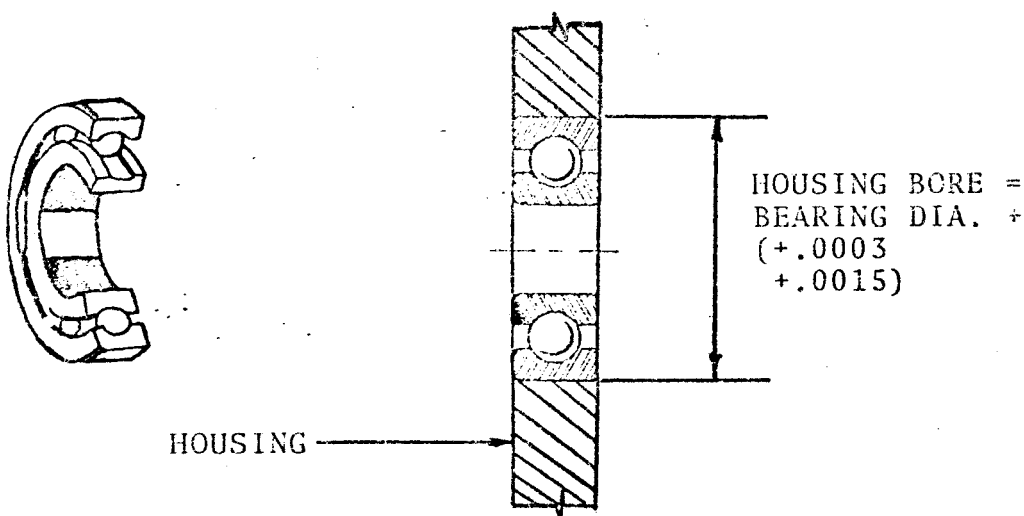




STANDARDS SHEET

ENGINEERING NOTES

- Bearing and bushing housings are to be designed so that there shall be a clearance of 0.0003 to 0.0015 maximum between bearing and housing diameter.
Example:- Bearing diameter .9375 + 0.0000
- 0.0005
Housing Bore 0.9385
0.9378
- For bushing installations see the actual standard sht. NAS 72-77, MS 21241.
- Loctite shall not be used to retain bearings in potential fire zones and any other areas where the temperature may exceed 300°F.
- All bearings are to be positively trapped in their housings, so that in case of a retention failure it would be impossible for the bearing to come out of its housing. No cantilever applications are allowed with Loctite retained bearings.
- Drawing Note shall be "Install bearing with Grade AA Loctite to PPS 19.02.
- The axial load applied to bearings installed with Loctite shall not exceed 5% of the bearing radial load capacity. If load is exceeded, use retaining rings MS16625 or Spirolox.
- No reference to this DS shall be made on Engineering Drawings

DRAWN	K. TUTTLE	CLASSIFICATION	STANDARD
CHECKED	<i>GENAT/NEL</i>	BEARING INSTALLATION	DS 91
STRESSED	<i>N.</i>		
APPROVED	<i>P. Anderson</i>		

31 JUL 80