



## NOTES

1. SPLINE IS SLIGHTLY DIFFERENT FROM BS 2059 DEEP SPLINE.

OVERALL DIA. 1.365"

BOTTOM DIA. 1.150"

SPLINE WIDTH 0.346"

SPLINE MUST BE PARALLEL UP TO THE 4mm GROOVE BUT WILL RUN OUT OVER THE 35mm DIA SECTION. ① Care not to hit gear teeth with spline cutter.

2. DEPTH OF 4mm GROOVE TO BE LEVEL WITH SPLINE BOTTOM

3. THESE DIMENSIONS CRITICAL FOR CORRECT LOCATION OF GEARS

4. TO SUIT BALL BEARING HOFFMAN 335

5. TO SUIT ROLLER BEARING HOFFMAN R315

① 6. TOLERANCE ON 21mm LENGTH:  $-0 / +.1$ mm

CROWN WHEEL & PINION  
for

1928 FRONT WHEEL DRIVE ALVIS

RATIO (AS DRAWN): 4.778 9T & 43T

DRAWN BY: RAC DATE: 13.8.83 SCALE 1:1

① REVISION 1: chamfer added on 15mm spigot; tolerance added (see Note 6); Note 1 extended. 26.1.85