



TITLE GEAR CLUSTER ASSEMBLY  
 SCALE 1:1 U.O.S. SHEET 1 OF 2  
 Drg. No. QKE4K

Quaife Design & Development.

FINISH. MACH.	GRIND@G
LIMITS. FRACT. $\pm 1/64"$	
DEC. $\pm 0.005"$	
MATERIAL.	
TREATMENT.	
ISSUE. 01 DATE. 31.7.08	
DRAWN BY. J.P.D.	
IF IN DOUBT, ASK.	
Used In. MAZDA RX7 5 SPEED	
C.R. HELICAL SYNCHRO	

Drg No. QKE4K

REMOVE ALL BURRS AND SHARP EDGES.

THIRD ANGLE PROJECTION.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	E-4K1-02	1st GEAR M/S. R2.345:1	1
2	E-4K2-03	LAYSHAFT INC. 1st GEAR. R2.345:1	1
3	E-4K1-04	2nd GEAR M/S. R1.544:1	1
4	E-4K1-05	2nd GEAR L/S. R1.544:1	1
5	E-4K1-06	3rd GEAR M/S R1.222:1	1
6	E-4K1-07	3rd GEAR L/S. R1.222:1	1
7	E-4K1-08	INPUT SHAFT. R1:1	1
8	E-3K1-09	4th GEAR L/S. R1.000:1	1
9	E-4K1-10	5th GEAR M/S. R0.868:1	1
10	E-4K1-11	5th GEAR. L/S. R0.868:1	1
11	E-3K1-12	MAINSHAFT	1
12	E-3K1-13	INNER TRACK 1st GEAR M/S	1
13	E-3K1-14	SPACER - 3rd/4th GEARS L/S	1
14	E-3K2-20	THRUST WASHER 5TH GEAR M/S	1
15	E-3F1-31	SPLIT RETAINER - 4th GEAR M/S	2
16	240	BEARING - ROLLER 20x26x13	1
17	588	BEARING - ROLLER 42x37x27	3
18	621	BALL BEARING $\phi$ 3/16	1
19	783	CIRCLIP - EXTERNAL	1

TITLE GEAR CLUSTER ASSEMBLY

SCALE 1:1 U.O.S. SHEET 2 OF 2

Drg. No. QKE4K

**Quaife Design & Development.**

IF IN DOUBT, ASK.

THIS DRAWING OR DESIGN IS STRICTLY  
CONFIDENTIAL & THE COPYRIGHT THEREIN  
THE EXCLUSIVE PROPERTY OF  
R.T. QUAIPE ENGINEERING LTD.  
AND MAY NOT BE USED COPIED OR EXHIBITED  
WITHOUT THEIR WRITTEN PERMISSION.

FINISH. MACH, GRIND@G

LIMITS. FRACT.  $\pm$  1/64".DEC.  $\pm$  0.005".MATERIAL.  
TREATMENT.

ISSUE. 01 DATE. 31.7.08

DRAWN BY. J.P.D.

**Used In.** MAZDA RX7 5 SPEED  
C.R. HELICAL SYNCHRO