4 Synchromesh Straight Cut Gears

Mini Spares are proud to boast that their unique gears are definitely the best on the market in terms of value, quality, design and appearance using original Rover tooling for the speed gears.

**GEAR RATIO COMPARISON (4 SYNCHRO GEARS)**

<table>
<thead>
<tr>
<th>HELICAL</th>
<th>'S'</th>
<th>A-PLUS</th>
<th>CLUBMAN</th>
<th>ST' SET</th>
</tr>
</thead>
<tbody>
<tr>
<td>850/998/100</td>
<td>1.32</td>
<td>1.36</td>
<td>1.32</td>
<td>1.32</td>
</tr>
<tr>
<td>1275GT</td>
<td>1.36</td>
<td>1.40</td>
<td>1.36</td>
<td>1.36</td>
</tr>
</tbody>
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**NUMBER OF TEETH**

To alleviate undue pressure on standard idler gear bearings and thrust washers a twin taper roller or single roller bearing kit is available using a special converted idler gear. The taper type requires specialist installation.

1. Primary Gears.
   a. 24 tooth 1300cc type          C-STR24
   b. 26 tooth 1300cc type          C-STR26
2. Idler Gears.
   a. 30 tooth - pre A-plus 1/2” shaft C-STR30
   b. 30 tooth - A-plus 7/8” shaft   C-STR30A
3. 30 tooth idler gear & taper roller bearing conversion.
   a. Pre A-plus                    C-STR30A
   b. A-plus                       C-STR30T
4. 30 tooth idler with one large central roller bearing conversion.
   a. Pre A-plus                   C-STR31
   b. A-plus                      C-STR31A
5. Input Gears.
   a. 23 tooth extra strong.        C-STR23
   b. 26 tooth input gear.          C-STR26
   c. 25 tooth input gear.          C-STR25

**EVOLUTION GEARS**

By using the very latest gear cutting techniques, equipment, Rover tooling and drawings it has enabled top line manufacture of all our gears, allowing Mini Spares to make alternative ratios, namely the 5 speed gearbox and the Evolution Clubman A-plus straight cut gear set.

The Evolution Clubman straight cut gear set has teeth counts that provide a ratio between the old special tuning 5 and 4 synchro gearsets.

This provides a better set for the road and is much favoured by certain participants of motorsports such as rallycross. This set utilises your standard 1st and reverse gear which are already straight cut as standard, which helps to reduce cost.

In A-plus type only ........................................ C-STN39

**Synchronesh Hubs**

6. 1st/2nd synchronizing hub for 4 synchronesh gearboxes
   a. Complete hub assembly ........ DAM7455
   b. Outer track only of DAM7455. ................ DAM7455C

7. 3rd/4th synchronizing hub for 4 synchronesh gearboxes .......... DAM7456