Freewheels
Sprag and Trapped Roller Clutches

Overrunning • Indexing • Backstopping
Trapped Roller Freewheels

**REUS**
A roller type freewheel which is non bearing supported. Available from size 8 to 60.

**REUSNU**
A roller type freewheel which is non bearing supported. These freewheels have the same dimensions as the 63 series ball bearing. Available from size 8 to 60.

**REUF**
A roller type freewheel which is non bearing supported with external keyways. Similar to the REUSNU but wider.

**REGF**
REGF freewheels are self centring. Sizes 8 to 20 centring is steel on steel. Sizes 25 to 130 are centred by 2.160 series bearings. Available from size 8 to 130.

**REGV**
Concentricity between inner and outer races is carried out by means of bushes. Products are supplied with torque arm. Available from size 20 to 120.

**REGL**
These freewheels have 160 series ball bearings that are used to centre the inner race with the outer race. Available from size 12 to size 150.

**REGLP**
Roller type freewheels which form part of a modular system (using the REGL). Available from size 12 to 150.

**REUK/REUKC and REUKCC**
Combined ball-bearing and freewheel.

www.renold.com
Sprag Clutch Freewheels

**SO/SX/SO-L**
Freewheels available in three variations: SO, for overrunning applications. SX, for indexing applications. SO-L, grease filled with labyrinth seal. Available from size 300 to 1027.

**SCGF**
Denotes sprag clutch freewheels fitted with Renold Gearflex couplings. Available in all freewheel sizes.

**DM**
Available in a wide range of sizes. These include sizes 125 to size 513.

**SB**
A light duty freewheel clutch. Allows direct mounting with chain pinions, gears etc. Available from size 3 to 16.

**SCPF**
Denotes sprag clutch freewheels fitted with Renold Pinflex couplings. Available in all freewheel sizes.

**SO/SX/SO-L**
STUB SHAFT ADAPTOR. The same as the SO/SX/ SO-L freewheels. These freewheel clutches are made available with fitted stub shaft adaptors. Available from size 300 to 1027.

**REGP cage assembly**
The REGP series is a cage comprising sprag elements running as a freewheel on races primarily measured in inches.

**SA**
Light duty freewheel clutches. Available from size 02 to size 05.

**SO/SX/SO-L**
A light duty freewheel clutch. Allows direct mounting with chain pinions, gears etc. Available from size 3 to 16.

**REGP cage assembly**
The REGP series is a cage comprising sprag elements running as a freewheel on races primarily measured in inches.

www.renold.com
**Freewheels Interchange Tables**

### TRAPPED ROLLER FREEWHEELS

<table>
<thead>
<tr>
<th>Renold</th>
<th>Formsprag</th>
<th>Stieber</th>
<th>Marland</th>
<th>Morse Emerson</th>
<th>Tsubaki</th>
<th>Ringspann</th>
<th>GMN</th>
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<tbody>
<tr>
<td>REGL</td>
<td>GFP/AL*</td>
<td>N/A</td>
<td>N/A</td>
<td>MZEU</td>
<td>N/A</td>
<td>FGR</td>
<td>GL</td>
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<td>REGLP</td>
<td>GFRN/ALP*</td>
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<td>N/A</td>
<td>MZEU K</td>
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<td>FGRN</td>
<td>GLP</td>
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<td>REGV</td>
<td>AV/RSBW*</td>
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<td>FAV/FAB*</td>
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<td>NFR/ANG</td>
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<td>N/A</td>
<td>FNR</td>
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<td>GF</td>
<td>GL</td>
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<tr>
<td>REUF</td>
<td>NF/AE</td>
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<td>N/A</td>
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<td>NFS</td>
<td>FSN</td>
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<td>FCN/R</td>
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<td>BXW</td>
<td>DC</td>
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* AL, ALP, FAB, RSBW. For these variants please refer to Renold.

REGL units can be fitted with either new flanges/covers or existing flanges/covers from any interchangeable competitors unit listed above.

### SPRAG CLUTCH FREEWHEELS

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<thead>
<tr>
<th>Renold</th>
<th>Formsprag</th>
<th>Stieber</th>
<th>Marland</th>
<th>Morse Emerson</th>
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<td>DM 200</td>
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<td>N/A</td>
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### RENOLD LARGE HOLDBACKS

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<tr>
<td>SH</td>
<td>LLH</td>
<td>MA</td>
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### RENOLD SA SERIES

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<td>0.250</td>
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* SA: Overrunning/backstopping/indexing. Grease lubrication
  FS: Overrunning/backstopping/indexing Grease lubrication

- Direct interchange - no fuss!
- Quality and excellence - a given
- Performance & reliability - count on Renold
- Sprag freewheels - zero backlash
- Customisation - all freewheels can be designed and built for your application
- Safety and peace of mind - Renold assurance
- Full technical catalogue - available on request or download pdf from [www.renold.com](http://www.renold.com)
<table>
<thead>
<tr>
<th>Renold</th>
<th>Formsprag</th>
<th>Marland</th>
<th>Morse Emerson</th>
<th>Ringspann</th>
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**SO/SX SERIES**

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<td>Max torque</td>
<td>Max bore</td>
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<td>SX 1000</td>
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<td>27000</td>
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</tbody>
</table>

**SO Series Clutches (size 300 to 1027)**

For all SO series clutches (size 300 to 1027) a standard range of Renold RTA torque arms are available.
AUSTRALIA
Melbourne (Victoria)
Tel + 61 (03) 9262 3333
Fax + 61 (03) 9561 8561
also at: Sydney, Brisbane, Adelaide, Perth, Newcastle, Wollongong, Townsville

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Fax + 43 (0) 13303484 5

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also at: Montreal

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Fax + 86 21 5046 2695

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couplings@cc.renold.com

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Fax + 1 716 326 6121

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