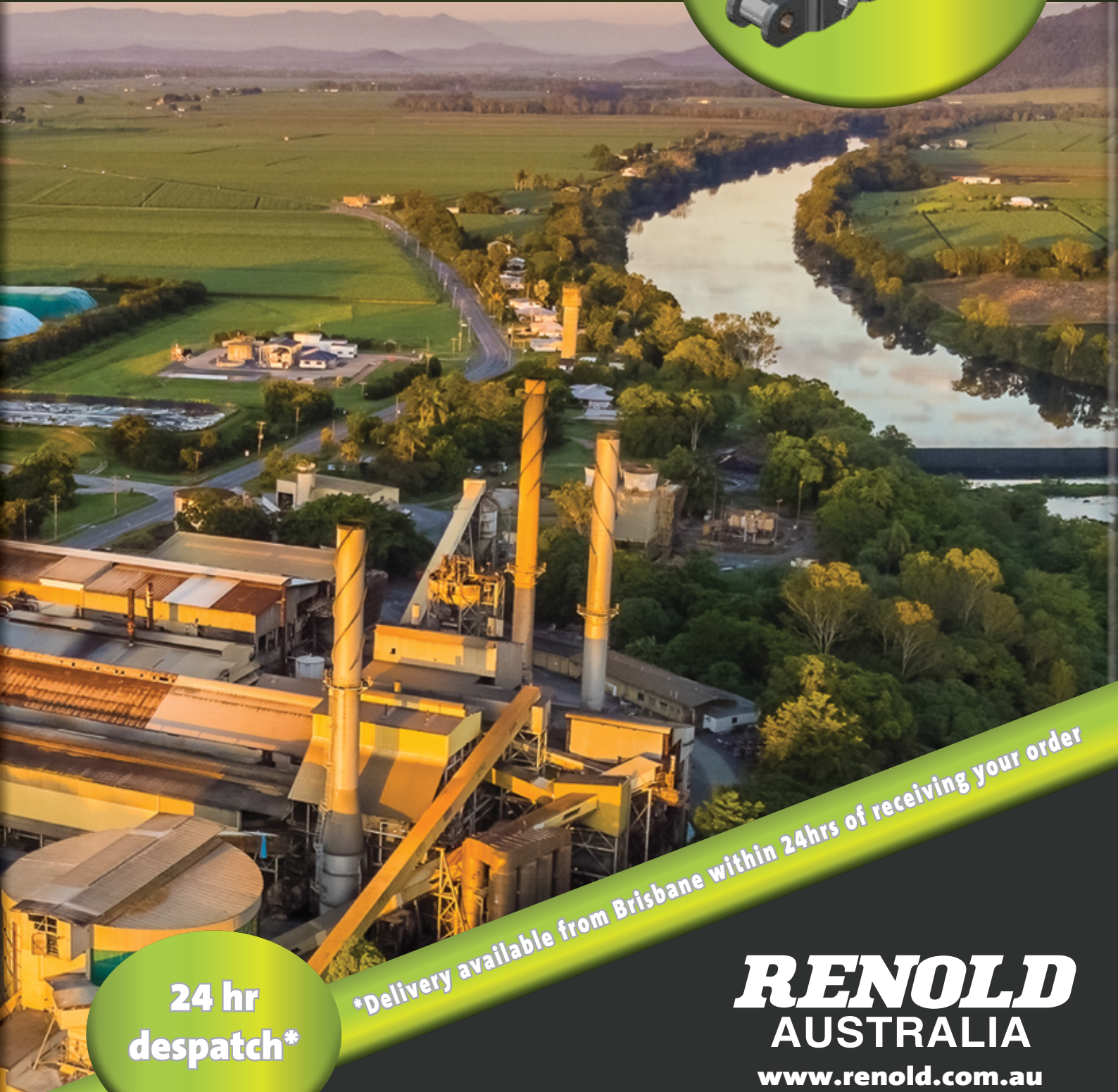


ENGINEERING CLASS DRIVE CHAIN

Developed for Sugar Mills

Manufactured By Renold



**24 hr
despatch***

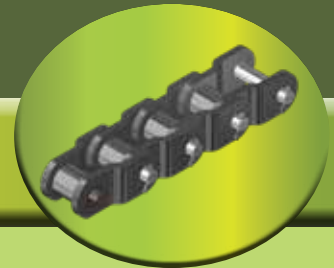
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ENGINEERING CLASS DRIVE CHAIN

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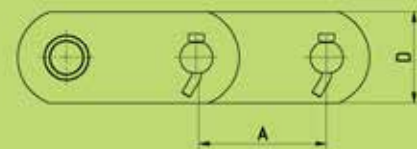
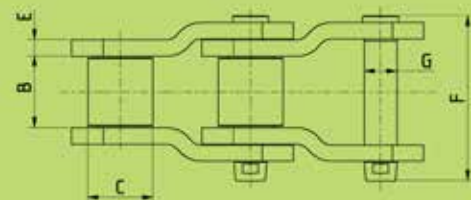
Mark 3 Engineering Class Drive Chain

Dimensions are in inches unless otherwise stated

| Chain No. | Pitch A | Inner Width B | Roller Dia C | Plate Height D | Plate Thick E | Pin Dia G | Pin Length F | Average Ultimate Strength | Rated Working Load | Weight |
|-------------|------------|---------------|--------------|----------------|---------------|-----------|--------------|---------------------------|--------------------|--------------|
| JFYJS882C | 2.609" | 1.125" | 0.875" | 1.125" | 0.250" | 0.438" | 2.560" | 26,000 Lbs | 2,500 Lbs | 3.6 Lbs/Ft |
| | (66.27mm) | (28.58mm) | (22.23mm) | (28.58mm) | (6.35mm) | (11.13mm) | (65.02mm) | (115.6 kN) | (11.12 kN) | (5.36 Kg/m) |
| JFY181046IP | 3.067" | 1.563" | 1.625" | 2.250" | 0.375" | 0.750" | 3.750" | 113,000 Lbs | 6,100 Lbs | 13.10 Lbs/Ft |
| | (77.90mm) | (39.70mm) | (41.28mm) | (57.15mm) | (9.53mm) | (19.05mm) | (95.25mm) | (502.6 kN) | (27.1 kN) | (19.5 Kg/m) |
| JFY184050IP | 3.075" | 1.500" | 1.250" | 1.750" | 0.375" | 0.650" | 3.660" | 73,000 Lbs | 5,100 Lbs | 9.00 Lbs/Ft |
| | (78.11mm) | (38.10mm) | (31.75mm) | (44.45mm) | (9.53mm) | (16.51mm) | (92.96mm) | (324.7 kN) | (22.6 kN) | (13.4 Kg/m) |
| JFY184051IP | 4.063" | 1.938" | 1.750" | 2.250" | 0.500" | 0.875" | 4.703" | 140,000 Lbs | 9,000 Lbs | 15.4 Lbs/Ft |
| | (103.2mm) | (49.23mm) | (44.45mm) | (57.15mm) | (12.7mm) | (22.23mm) | (119.46mm) | (622.7 kN) | (40.00 kN) | (22.9 Kg/m) |
| JFY180847IP | 5.000" | 2.750" | 2.500" | 3.500" | 0.625" | 1.250" | 6.234" | 280,000 Lbs | 17,500 Lbs | 33.72 Lbs/Ft |
| | (127.00mm) | (69.85mm) | (63.50mm) | (88.90mm) | (15.88mm) | (31.75mm) | (158.34mm) | (1245.5 kN) | (77.8 kN) | (50.18 Kg/m) |

Mark 3 Engineering Class Drive Chain Equivalent

| Renold Australia | Renold Jeffrey (USA) | Tsubaki | Rexnord | Ewart |
|------------------|----------------------|---------|---------|--------|
| JFYJS882C | JS882C | US-882 | R588 | EXS882 |
| JFY181046IP | JS3011 | US-3011 | AX1568 | 3012 |
| JFY184050IP | JS3075 | US-3075 | R1037 | B7811 |
| JFY184051IP | JS4014 | US-1242 | R1248 | 4014 |
| JFY180847IP | JS5031 | US-5031 | RX1207 | 5020 |



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Drive Chain Breakdown

Item 1 - Pin

- * Made from high strength alloy steel
- * Through hardened & tempered for high strength
- * Circumferential deep induction hardened case on bush contact zone for high wear resistance & long service life

Item 2 - Bush & Item 3 - Roller

- * Made from high strength alloy steel
- * Deep case hardened & tempered for high wear resistance & long service life

Item 4 - Sideplate

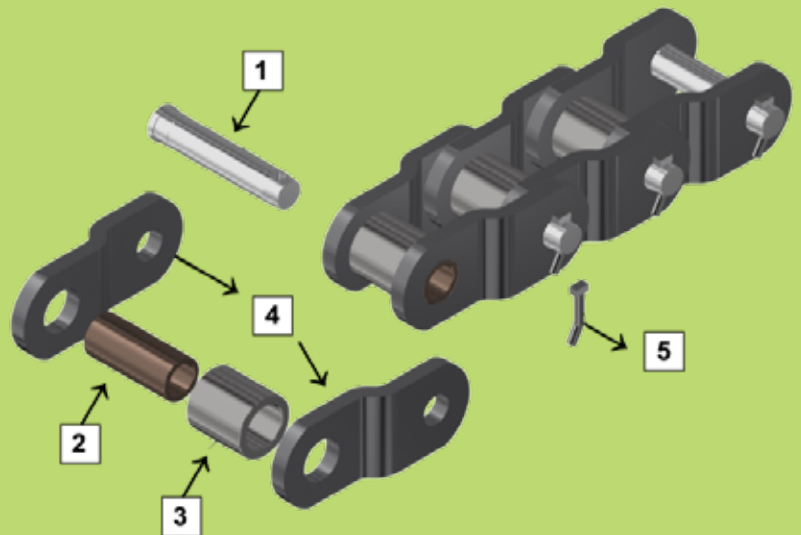
- * Made from high strength alloy steel
- * Through hardened & tempered for high strength
- * Precision machined pitch holes

Item 5 - T-Pin

- * Made from low carbon steel and zinc plated

General notes

- * Machined sideplate pitch holes to provide accurate pitch control and contribute to high security for pin and bush
- * Pin and Bushes precision machined to provide high security connection and even operational stress distribution
- * Machined roller to provide optimal clearance to bush and proper sprocket engagement



24 hr
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