

Product Insight #5

Exploded view diagram of the gripper assembly. The diagram shows the motor, chain drive, and gripper mechanism. The parts are labeled with letters A through M, corresponding to the parts list table.

| Item | Count | SKU | Description |
|------|-------|----------------|-----------------------------|
| A | 4 | 2800-0004-0030 | M4 Screw, 30mm Length |
| B | 4 | 2801-0004-0008 | 4mm ID Washer |
| C | 1 | 2106-4008-0640 | 8mm REX Shaft, 64mm Length |
| D | 2 | 1611-0514-4008 | 8mm REX Bore Bearing |
| E | 1 | 3213-3606-0002 | Mecanum Wheel |
| F | 1 | 1504-0032-0020 | Pattern Spacer, 2mm Length |
| G | 1 | 1504-0032-0120 | Pattern Spacer, 12mm Length |
| H | 1 | 3310-0014-0014 | 14 Tooth Sprocket |
| I | 1 | 3309-0108-0050 | 8mm Pitch Chain |
| J | 1 | 1514-0010-0040 | 8mm ID Spacer, 4mm Length |
| K | 4 | 2800-0004-0012 | M4 Screw, 12mm Length |
| L | 1 | 1120 Series | U-Channel |
| M | 1 | 1310-0016-4008 | 8mm REX Bore Hyper Hub |

Este conjunto aciona uma roda mecanum com corrente de passo de 8 mm. A roda mecanum gira livremente em um "eixo morto" REX de 8 mm da série 2106. A roda dentada de alumínio é montada no núcleo de plástico da roda mecanum por meio de Pattern Spacers de 14 mm.