

Product Insight #5

Exploded view diagram of the gripper assembly. The diagram shows the motor, chain drive, and gripper components. 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.