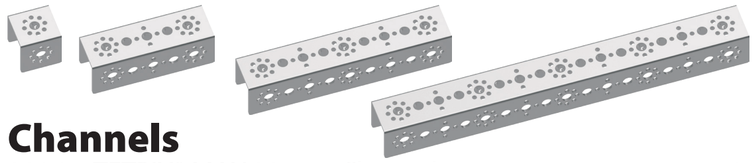
Ages 14+
44621
990+ pieces

# WRO™ WORLD ROBOT OLYMPIAD
# with myRIO Parts Index



## Channels
39065 TETRIX® MAX 32 mm Channel.....6
39066 TETRIX® MAX 96 mm Channel.....4
39067 TETRIX® MAX 160 mm Channel.....4
39068 TETRIX® MAX 288 mm Channel.....4



## Plates & Brackets
39073 TETRIX® MAX Flat Building Plate.....2
39061 TETRIX® MAX Flat Bracket.....6
39062 TETRIX® MAX L Bracket.....6
39281 TETRIX® MAX Inside Corner Bracket.....6
39270 TETRIX® MAX Inside C Connector.....6
41790 TETRIX® MAX Adjustable Angle Corner Bracket.....4
41267 TETRIX® PRIME 16 mm Anchor Block.....10
41265 TETRIX® PRIME 90-Degree Gusset.....10



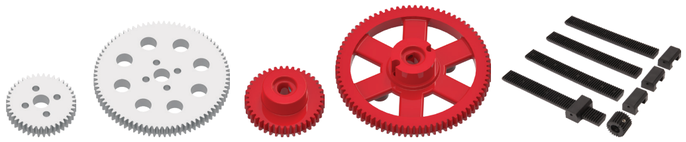
## Bars & Angles
39070 TETRIX® MAX 288 mm Flat Bar.....2
39072 TETRIX® MAX 144 mm Angle.....2
39071 TETRIX® MAX 288 mm Angle.....2



## Flats
39274 TETRIX® MAX Flat 64 mm x 27 mm.....2
39273 TETRIX® MAX Flat 96 mm x 27 mm.....2
39272 TETRIX® MAX Flat 160 mm x 27 mm.....2
39271 TETRIX® MAX Flat 288 mm x 27 mm.....2
41791 TETRIX® MAX Adjustable Angle Flat Bracket.....6



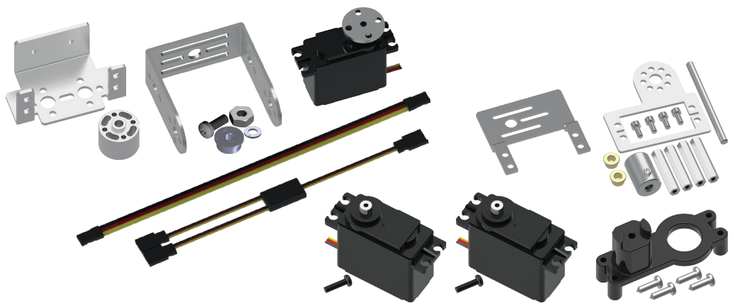
## Axles, Hubs, & Spacers
39079 TETRIX® MAX Motor Shaft Hub.....10
39172 TETRIX® MAX Axle Hub.....6
39092 TETRIX® MAX Axle Set Collar.....18
39088 TETRIX® MAX 100 mm Axle.....6
39091 TETRIX® MAX Bronze Bushing.....24
39090 TETRIX® MAX Gear Hub Spacer.....2
39100 TETRIX® MAX Axle Spacer 1/8".....12
39101 TETRIX® MAX Axle Spacer 3/8".....6
39387 TETRIX® MAX Flat Round Spacer.....6
40230 TETRIX® PRIME Shaft Servo Hub.....2
40225 TETRIX® PRIME 80 mm Steel Axle.....6
40227 TETRIX® PRIME 8 mm x 6 mm Bronze Bushing.....24
40229 TETRIX® PRIME D-Shaft Set Collar.....6



## Gearing
39028 TETRIX® MAX Gear 40-Tooth.....4
39086 TETRIX® MAX Gear 80-Tooth.....4
40223 TETRIX® PRIME 40-Tooth Plastic Gear.....4
40224 TETRIX® PRIME 80-Tooth Plastic Gear.....4
39300 TETRIX® MAX Rack and Pinion Linear Slide Pack.....1



## Posts & Standoffs
39102 TETRIX® Stand-Off Post 6-32 x 1".....12
39103 TETRIX® Stand-Off Post 6-32 x 2".....12
39107 TETRIX® Stand-Off Post 6-32 x 32 mm.....12
41253 TETRIX® Stand-Off Post 6-32 x 16 mm.....24



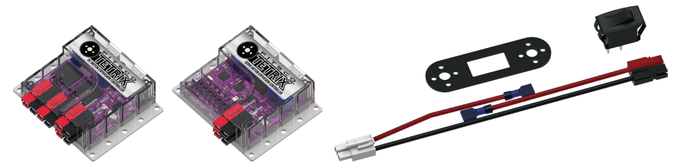
## Servos & Hardware
39060 TETRIX® MAX Sngl Standard-Scale Servo Motor Brkt.....2
39593 TETRIX® MAX Standard-Scale Pivot Arm with Bearing.....1
39197 TETRIX® MAX Standard-Scale Servo Motor.....2
39081 Servo Extension.....2
39082 Servo Y Connector.....1
39280 TETRIX® MAX Adjustable Servo Bracket.....2
41789 TETRIX® MAX Standard Servo Mounting Kit.....2
40538 TETRIX® Standard-Scale Servo Motor.....1
40379 TETRIX® Continuous Rotation Servo Motor.....1
40232 TETRIX® PRIME Servo Mounting Bracket.....2



## Gripper Kit
40234 TETRIX® PRIME Gripper Kit.....1



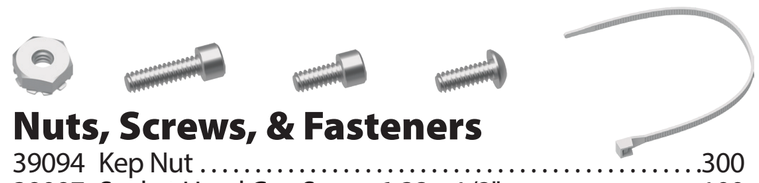
## DC Motors & Hardware
44260 TETRIX® MAX TorqueNADO® Motor.....2
39089 TETRIX® MAX Motor Mount.....2



## Electronics and Control
44354 TETRIX® MAX DC Motor Expansion Controller.....1
44355 TETRIX® MAX Servo Motor Expansion Controller.....1
43169 TETRIX® PRIZM® On/Off Switch Kit.....1



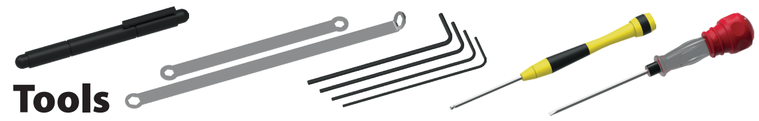
## Tires & Wheels
39055 TETRIX® MAX 4" Wheel.....2
36466 TETRIX® MAX 4" Omni Wheel Pack.....2



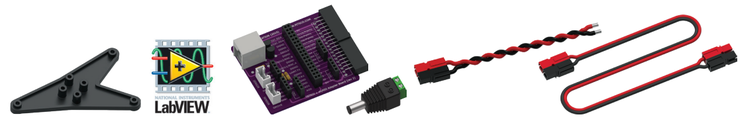
## Nuts, Screws, & Fasteners
39094 Kep Nut.....300
39097 Socket Head Cap Screw 6-32 x 1/2".....100
39098 Socket Head Cap Screw 6-32 x 5/16".....200
39111 Button Head Cap Screw 3/8".....50
31902 Zip Tie.....12



## Battery & Charger
38009 TETRIX® MAX Battery Clip.....2
39057 TETRIX® MAX 12-volt 3,000 mAh Battery.....1
41399 Global NiMH Battery Pack Charger.....1



## Tools
36404 4-in-1 Screwdriver.....1
38001 TETRIX® Wrench Set.....2
39104 TETRIX® MAX Hex Key Pack.....4
40341 Miniature Ball-Point Hex Driver.....1
42991 2-in-1 Screwdriver.....1




## myRIO Components
41137 TETRIX myRIO Plastic Mount Bracket.....1
41300 myRIO & LabVIEW Bundle.....1
41306 TX+myRIO Control Board Adapter.....1
41309 myRIO DC Barrel Jack Adapter.....1
44531 TXM R/C Powerpole Adapter Cable.....1
43390 Powerpole Extension Cable.....1