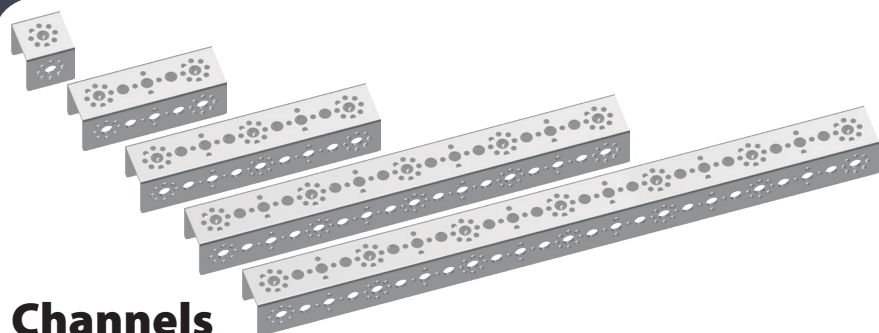


**FIRST**®

# TETRIX® FIRST® Tech Challenge Competition Set

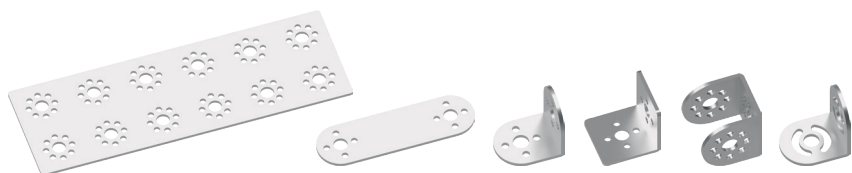
**PITSCO**  
EDUCATION

Ages 14+  
44706  
**824**  
pieces



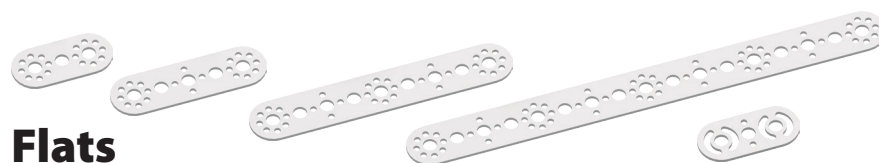
### Channels

39065 TETRIX MAX 32 mm Channel.....	8
39066 TETRIX MAX 96 mm Channel.....	4
39067 TETRIX MAX 160 mm Channel.....	4
39068 TETRIX MAX 288 mm Channel.....	4
39069 TETRIX MAX 416 mm Channel.....	2



### Plates & Brackets

39073 TETRIX MAX Flat Building Plate.....	4
39061 TETRIX MAX Flat Bracket.....	6
39062 TETRIX MAX L Bracket.....	6
39281 TETRIX MAX Inside Corner Bracket.....	8
39270 TETRIX MAX Inside C Connector.....	4
41790 TETRIX MAX Adjustable Angle Corner Bracket.....	4



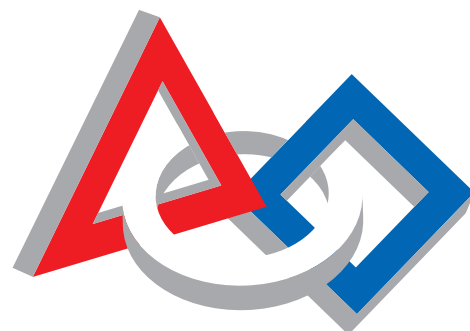
### Flats

39274 TETRIX MAX Flat 64 mm x 27 mm.....	4
39273 TETRIX MAX Flat 96 mm x 27 mm.....	4
39272 TETRIX MAX Flat 160 mm x 27 mm.....	4
39271 TETRIX MAX Flat 288 mm x 27 mm.....	4
41791 TETRIX MAX Adjustable Angle Flat Bracket.....	4



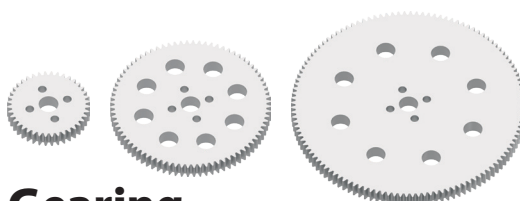
### Axles, Hubs, & Spacers

39079 TETRIX MAX Motor Hub.....	10
39172 TETRIX MAX Axle Hub.....	6
39092 TETRIX MAX Axle Set Collar.....	6
39088 TETRIX MAX 100 mm Axle.....	6
44708 TETRIX MAX 100 mm x 6 mm Axle.....	6
39091 TETRIX MAX Bronze Bushing.....	12
40227 TETRIX PRIME 8 mm x 6 mm Bronze Bushing.....	12
41665 TETRIX PRIME 6 mm Plastic Bushing Spacer.....	50
39100 TETRIX MAX Axle Spacer 1/8".....	12
39387 TETRIX MAX Flat Round Spacer.....	6



**FIRST**<sup>®</sup>

## TETRIX<sup>®</sup> FIRST<sup>®</sup> Tech Challenge Competition Set Parts Index



### Gearing

39028 TETRIX MAX Gear 40-Tooth.....	6
39086 TETRIX MAX Gear 80-Tooth.....	4
39085 TETRIX MAX Gear 120-Tooth.....	2



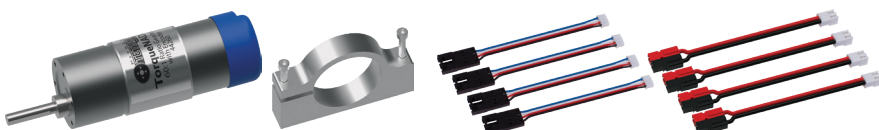
### Posts & Standoffs

39107 TETRIX Stand-Off Post 6-32 x 32 mm.....	12
44707 TETRIX Stand-Off Post 6-32 x 28 mm.....	12
41253 TETRIX Stand-Off Post 6-32 x 16 mm.....	12



### Servos & Hardware

39197 180° Standard-Scale HS-485HB Servo Motor.....	4
39081 Servo Extension.....	4
41789 TETRIX MAX Standard Servo Mounting Kit.....	4



### DC Motors & Hardware

44260 TETRIX MAX TorqueNADO™ Motor.....	4
39089 TETRIX MAX Motor Mount.....	4
45066 FIRST Control Hub Cable Conversion Pack.....	1



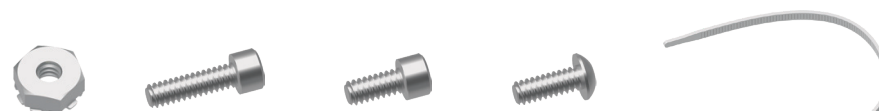
### Bars & Angles

39070 TETRIX MAX 288 mm Flat Bar.....	2
39072 TETRIX MAX 144 mm Angle.....	2
39071 TETRIX MAX 288 mm Angle.....	2



### Tires & Wheels

39055 TETRIX MAX 4" Wheel.....	4
36466 TETRIX MAX 4" Omni Wheel Pack.....	4



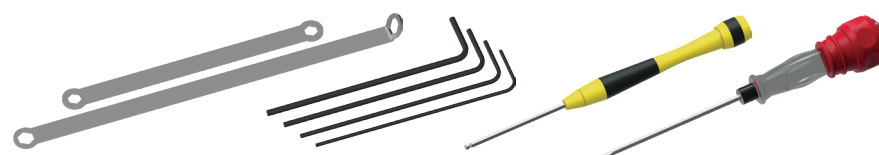
### Nuts, Screws, & Fasteners

39094 Kep Nut.....	200
39097 Socket Head Cap Screw 6-32 x 1/2".....	100
39098 Socket Head Cap Screw 6-32 x 5/16".....	100
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

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