

Parts List
Elrod Z Axis Quill Drive
Model QU1C or QU2C4
Rev: 013107DE

- 013. Nema 42 Adaptor Plate Assy.-Fasten using (4) ¼-20 x 1 ½ SHCS, (4) ¼-20 Nuts, (4) 5/16-24 x ¾ SHCS
- 023. Motor Mount Plate Assy.-Fasten using (5) 10-32 x ¾ SHCS, (1)¼-20 x 2 ½ Pan Head Screw, (1) ¼-20 full nut
- 033. **Scale Cable Tube**
- 043. Left Mount Plate Assy.-Fasten using (4) 10-24 x 1 ¼ SHCS, (4) #10 Flat washers, (2) 5/16-18 x 1-¼ SHCS,(2) 5/16 full nuts, (2) 5/16 flat washers
- 053. Top Cover Assy.-Fasten using (5) 10-32 x 3/8 BHCS
- 063. Pulley, Motor .625 bore
- 073. Pulley, Ball Screw .406 bore
- 083. Belt, 480 x 5M Neoprene
- 093. 1/8 Square Key
- 103. Nut, 3/8-16 external nut for Top Housing
- 113. Top Casting Assy. -Fasten using (4) ¼-20 x 7/8 S.H.C.S.
- 123. N01 Lock Nut
- 133. W01 Lock Washer
- 143. Right Mount Angle Assy. -Fasten using (1) 5/16-18 x 1 SHCS (1) 5/16 hard washer (2) 10-24 x 1 ¼ SHCS, (2) 10 flat washer, (1) 10-32 x ½ set screw
- 153. Cable Clamp #1 (Item 15 & 16 sold as pair)
- 163. Cable Clamp #2 (Item 15&16 sold as pair)
- 173. Left Chip Cover Assy. -Fasten using (1) 6-32 x ¼ hex screw
- 183. Right Chip Cover Assy.-Fasten using (1) 6-32 x ¼ hex screw
- 193. Scale Spar Assy.-Fasten using (3) 8-32x ½ F.H.C.S.
- 206. Scale Assy., Micro, FAGOR 120 mm -Fasten using (4) 8-32 x ¾ SHCS, (4) 4mm washers
- 216. Reader Head Carrier Assy.-Fasten using (2) 10-32 x 5/8 SHCS
- 223. Ball Screw with Ball Nut, Prec. Ground
- 233. Ball Nut Block Assy. (1) 3/8-24 x 1 ½ S.H.C.S.
- 243. 5/16-24 x 3-¼ SHCS with ¼ E Clip
- 253. Spacer Tube
- 263. Bearing, Radial 6201- 2RS
- 273. Access Plate Assy-Fasten using (6) 4-40 x 3/8 SHCS
- 283. Lower Housing Assy.- Fasten using (1) 7/16-14 x 2 FHCS, (1) 7/16-14 full nut, (1) ½ hard washer
- 293. Front Cover Assy. Fasten using (6) 6-32 x 3/8 B.H.C.S
- 303. QD Access Plate Assy. -Fasten using (1) 4-40 x 3/8 BHCS, (1) 4-40 x 3/8 SHCS
- 313. Torque Wrench Assy. -Fasten using (2) 8-32 x 3/8 BHCS, (1) mounting holder
- 323. Bearing, Ang. Thrust 7201 (pair) Qty. (2)
- 333. Limit Switch Assy. -Fasten using (2) 2-56 X 3/8 Button Head Screw
- 343. Limit Switch Mount Plate Assy.-Fasten using (2) 4-40 x 3/8 BHCS
- 353. O Ring , 1/16 x .750 x .875 Qty. 2
- 363. Bearing Lock Ring
- 373. Thrust Bearing Cartridge Body Assy,- Fasten using (4) ¼-20 x ¾ Flange hex head screw grade 8
- 383. Seal Ring
- 393. Front Cover Window, Plexi glass (not shown)
- 403. Grease, Lubriplate White Lithium, 1-¾ oz. (not shown)

Elrod Machine & Mfg. Patent 5,941,663

Other Patents Apply

Std. QU1C and QU2C4 Quill Drives

with 2 limit switches Rev 092607

