



Drive Train Parts, 1

6 body holes for M6 screws, evenly spaced on a $\phi 6.7480$ circle, counterbored 0.38 inches

Break sharp corners of inner hole.

$\phi 6.30$

Taper edges of holes 0.010-0.015 inches in diameter in 0.05 inches of length at both top and bottom of cylinder.

Part 10-052, Motor-Mounting Flange. Make of steel compatible with part 10-050. Tolerances are ± 0.01 , or as marked. (8 reqd for the whole telescope)

Part 10-050, Drive Cylinder (roller). Make of 17-4 PH stainless steel or AISI 4140, heat treated to give a yield strength comparable to that of the azimuth drive ring. (8 reqd for the whole telescope)

Tenn. State Univ.	
CASS 2-m AST Project	
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J.A.E.	