

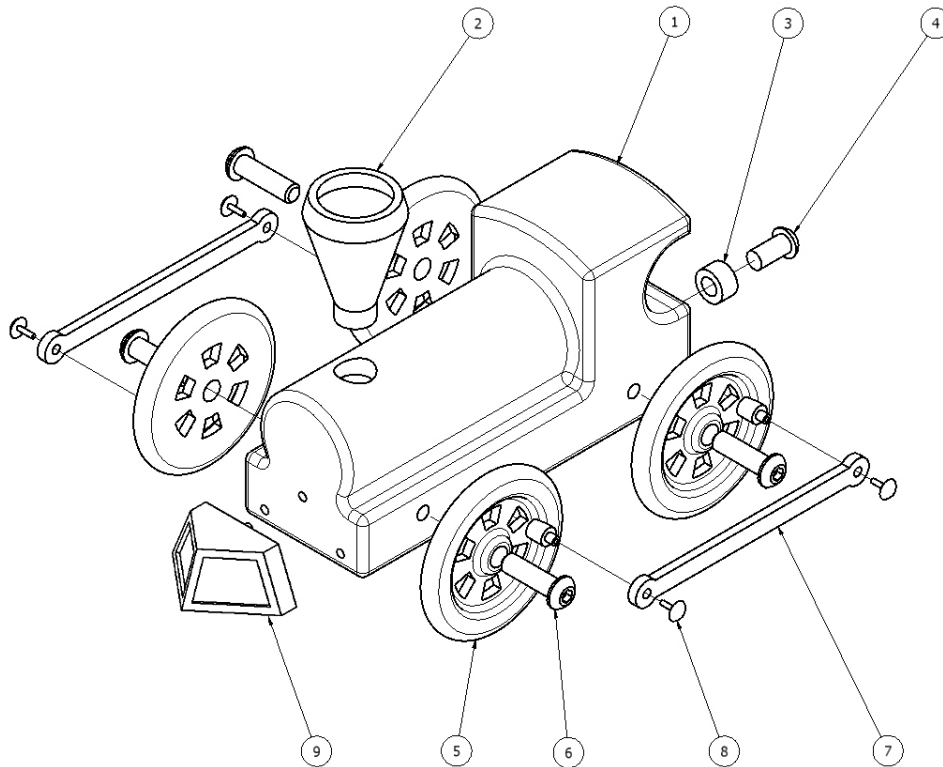
Project 8.1c Model A Miniature Train

Procedure

1. Model and assemble the parts shown using the drawings provided.

Train Parts List

Item	Quantity	Name	Description	Material
1	1	Train Body		ABS Plastic
2	1	Stack		ABS Plastic
3	1	Hitch Magnet		ABS Plastic
4	1	Hitch Peg		ABS Plastic
5	4	Wheel		ABS Plastic
6	4	Axle Peg		ABS Plastic
7	2	Linkage Arm		ABS Plastic
8	4	Linkage Peg		ABS Plastic
9	1	Cow Catcher		ABS Plastic



Train Tolerances

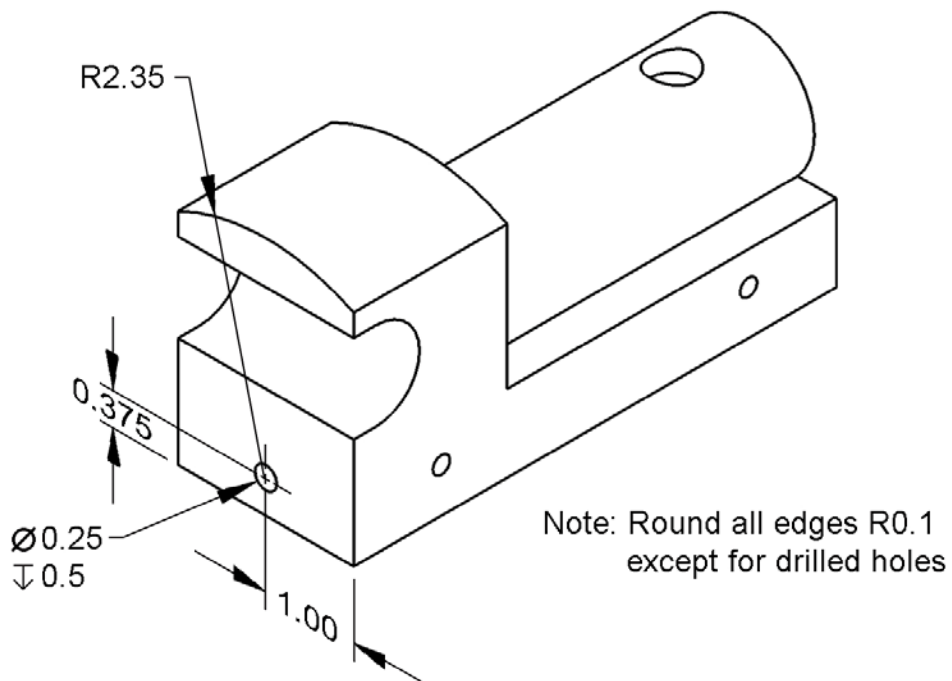
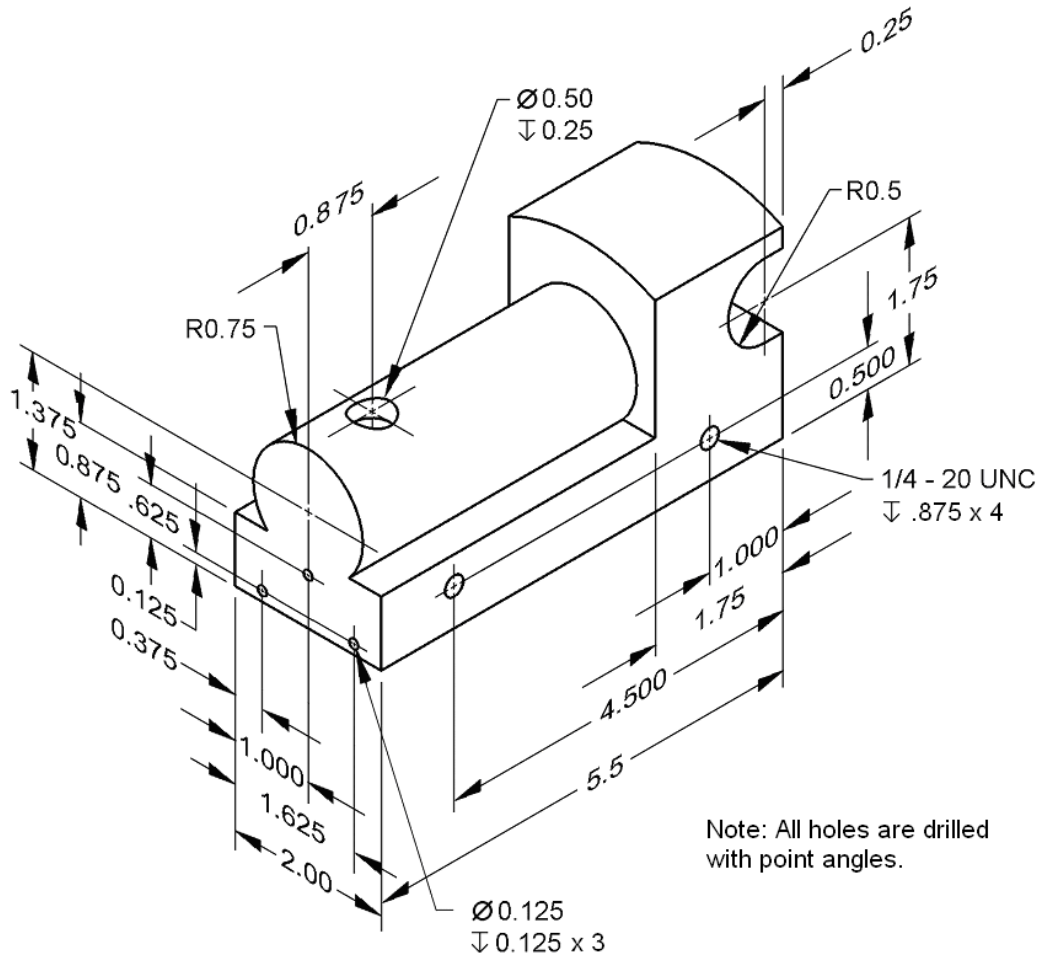
All parts have the following tolerances:

X.X = +/- .020

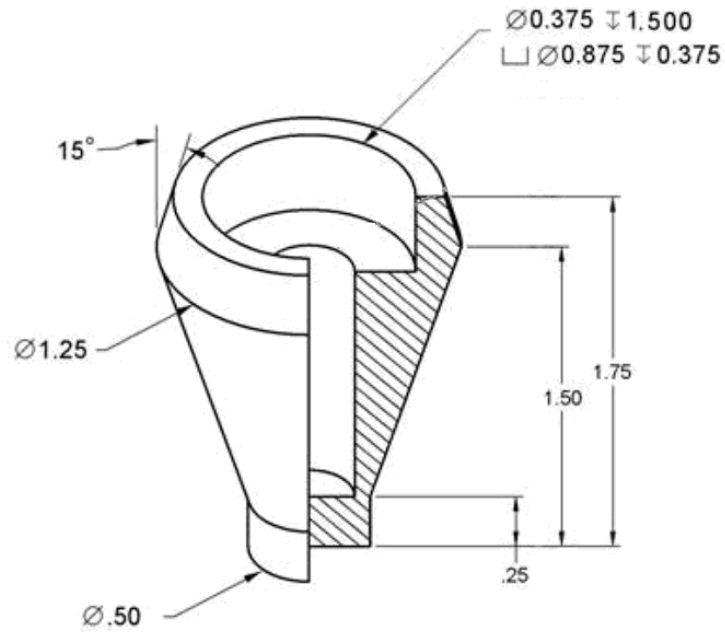
X.XX = +/- .010

X.XXX = +/- .005

Part #1: Train Body

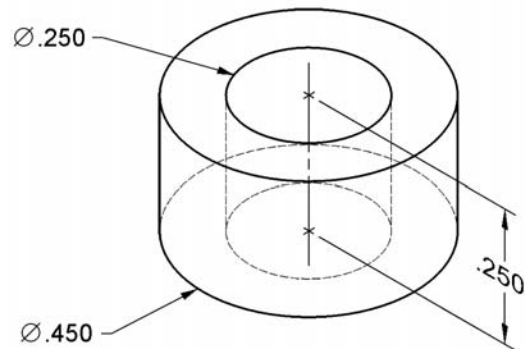


Part #2: Stack

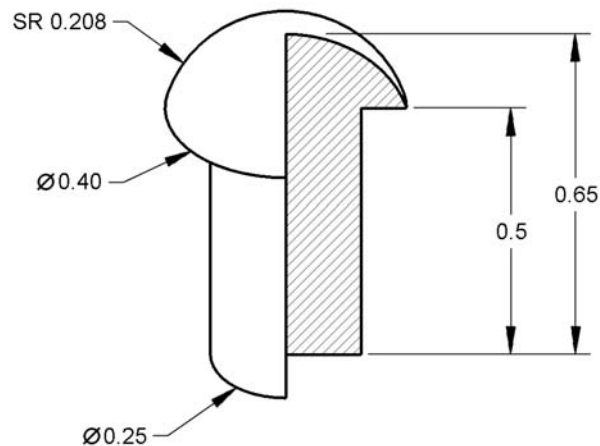


Note: Optional chamfer bottom edge .01 x 45 deg

Part #3: Hitch Magnet

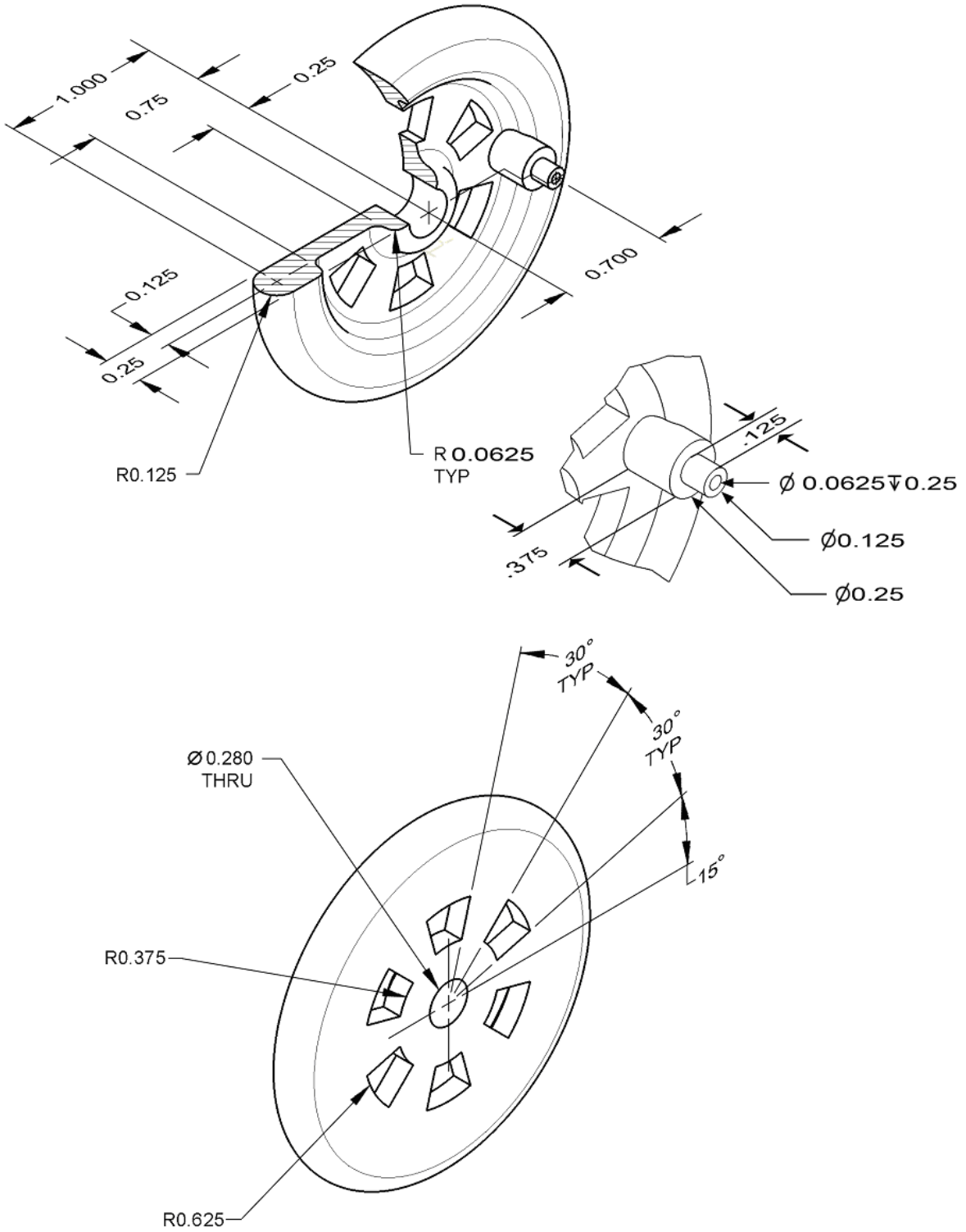


Part #4: Hitch Peg

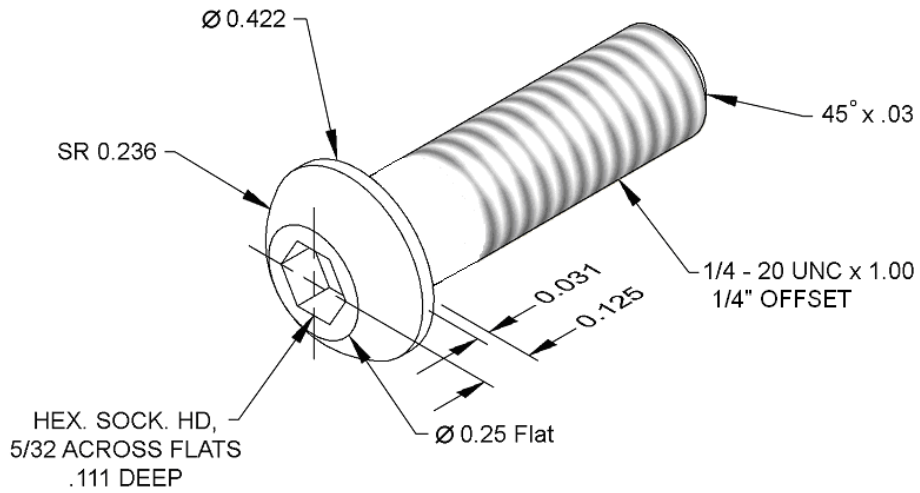


Note: Optional chamfer bottom edge .01 x 45 deg

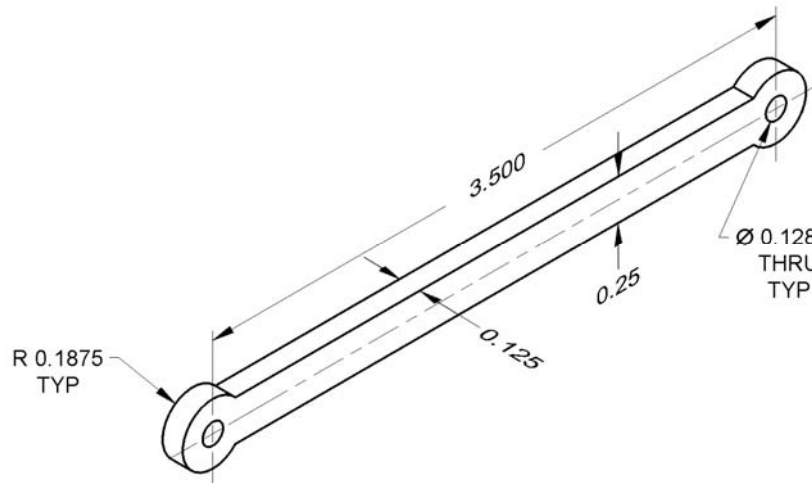
Part #5: Wheel



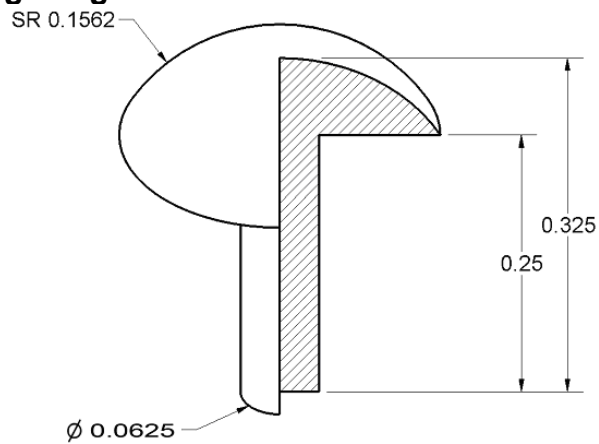
Part #6: Axle Peg



Part #7: Linkage Arm

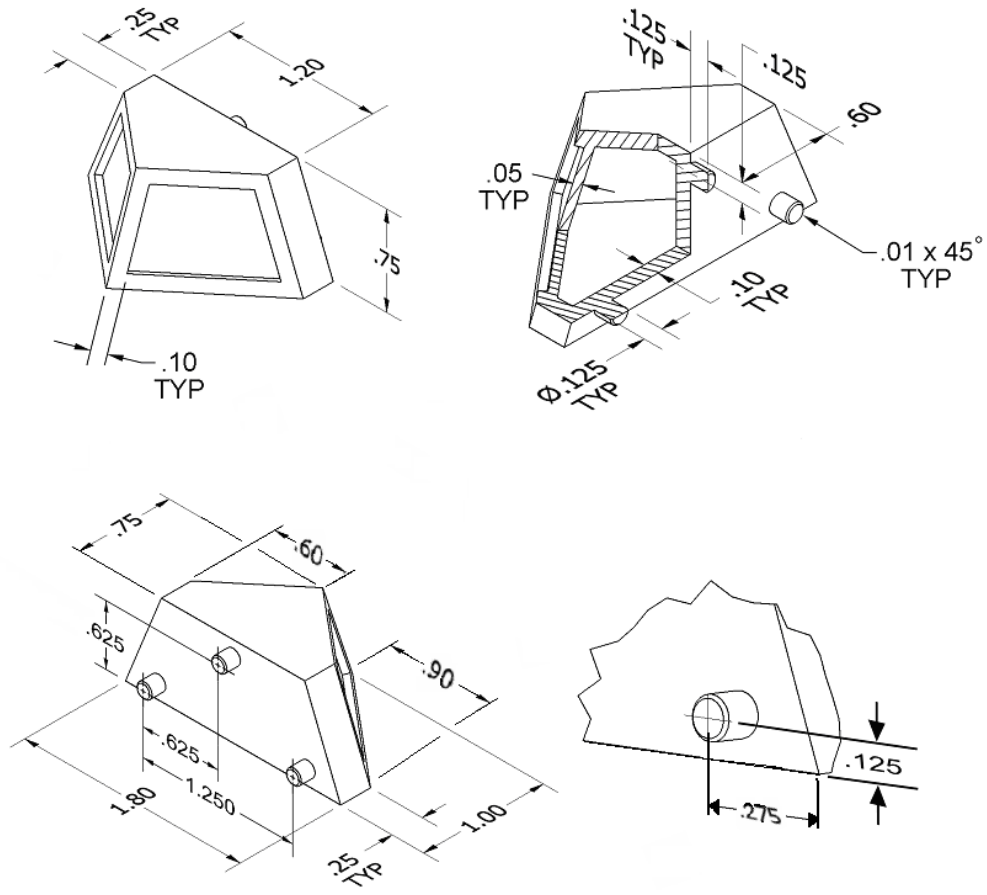


Part #8: Linkage Peg



Note: Optional chamfer bottom edge .01 x 45 deg

Part #9: Cow Catcher



Straight Track

