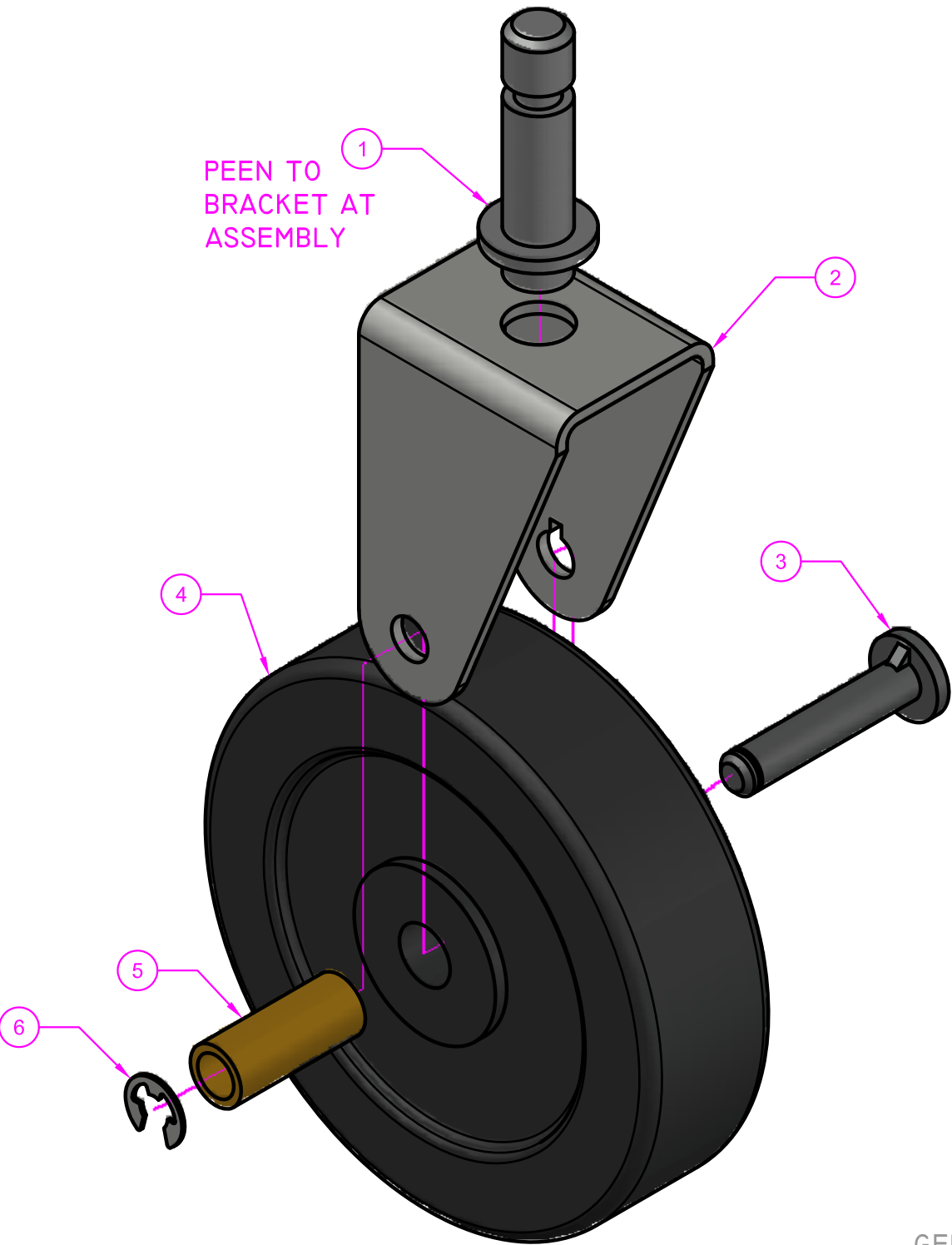
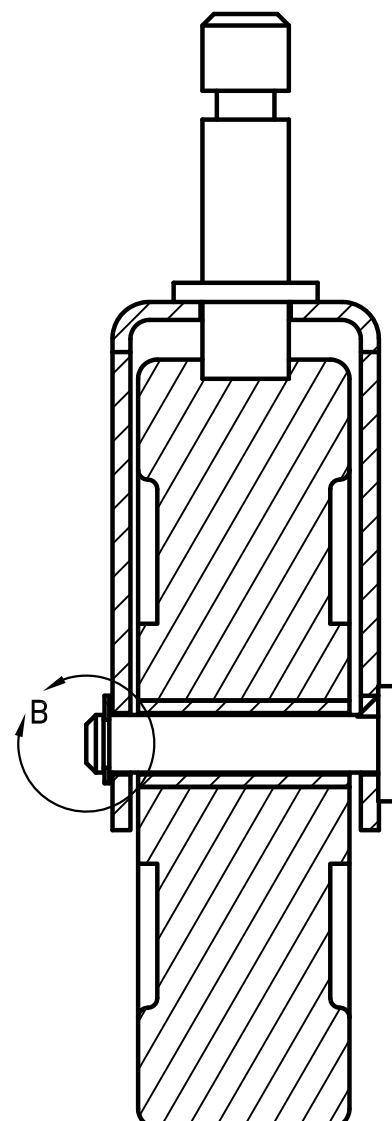
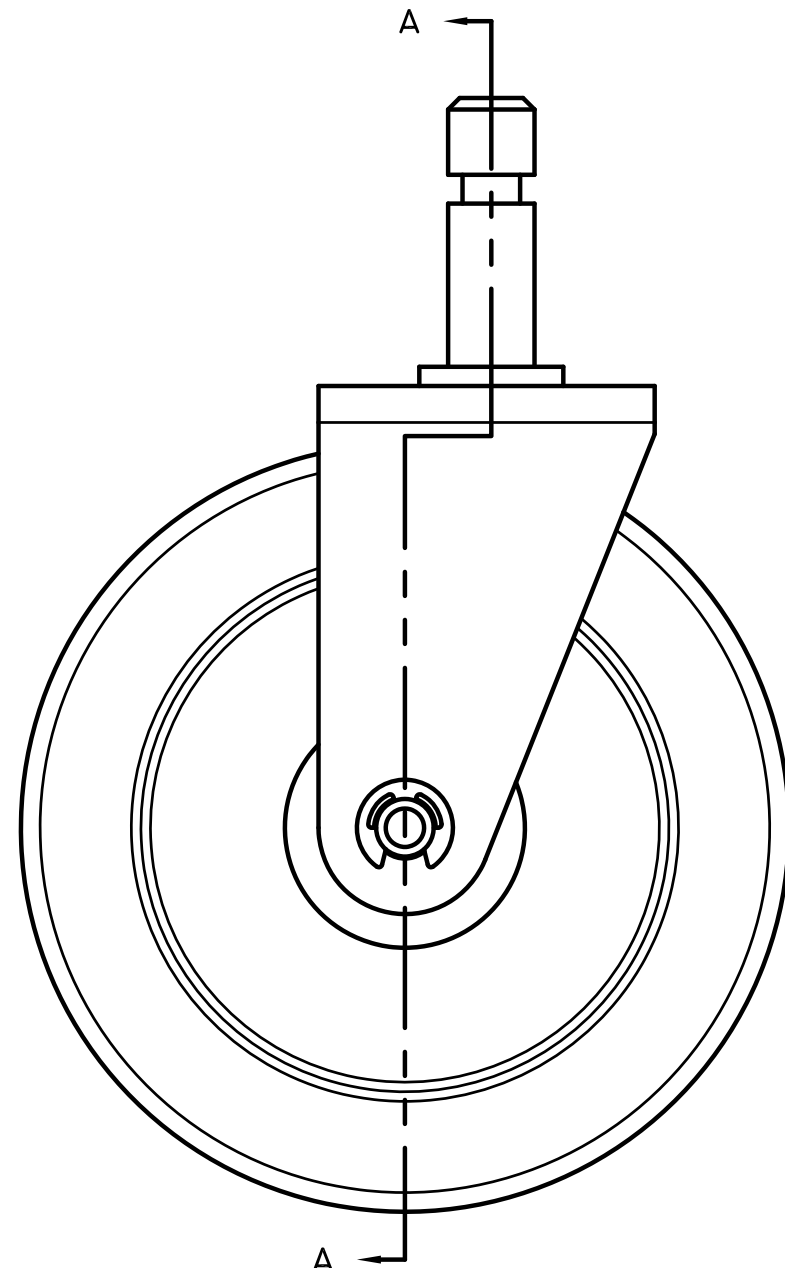


REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

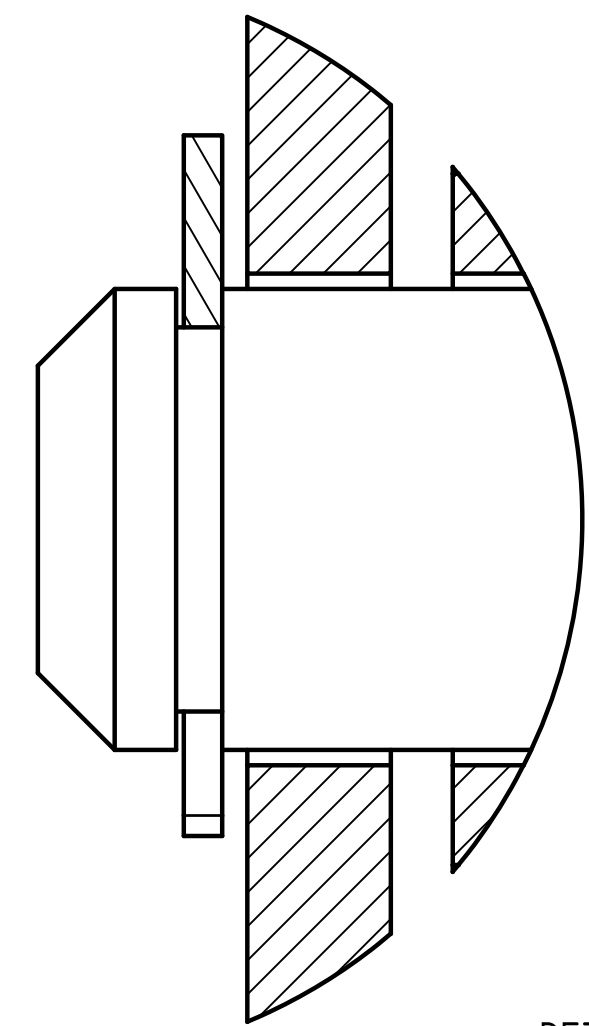


GENERAL NOTES:
PEEN POST TO BRACKET AT ASSEMBLY
PRESS FIT BUSHING INTO WHEEL

PARTS LIST				
ID	PART NO.	PART DESC.	QTY	MATERIAL
1	RTC_DFTII3_PT1	POST	1	SAEII3
2	RTC_DFTII3_PT2	BRACKET	1	13G GALVANIZED STEEL
3	RTC_DFTII3_PT3	SHAFT	1	SAEII3
4	RTC_DFTII3_PT4	WHEEL	1	HARD RUBBER
5	RTC_DFTII3_PT5	BUSHING	1	BRASS
6	97431A310	RETAINING RING EXT. E	1	STEEL [MCMASTER CARR]
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES DECIMAL DIMENSIONS: .XX ± .02 .XXX ± .010 ANGLES ± 1°		250 ✓ RTC RENTON TECHNICAL COLLEGE 3000 N.E. FOURTH ST. RENTON, WA		
PROJECT CASTER ASSEMBLY		EXPLODED ASSEMBLY		
MATERIAL -		SIZE B	REQD. 1	SCALE 1:1
STOCK SIZE -		DWG NO. RTC_DFTII3_ASI REV -		
		LAST REVISED 11/30/17 DRAWN BEN POPOVICH SHEET 1 OFF 8		



SECTION A-A
SCALE 1:1



DETAIL B
SCALE 8:1

GENERAL NOTES:
THERE APPEARS TO BE INTERFERENCE
BETWEEN THE POST AND THE WHEEL
BECAUSE THE POST IS SHOWN PRIOR TO BEING
PEENED TO THE BRACKET.

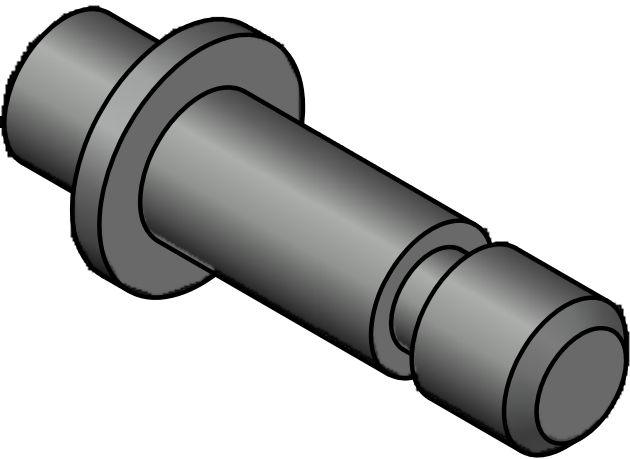
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES DECIMAL DIMENSIONS: .XX ± .02 .XXX ± .010 ANGLES ± 1°		250		✓	
PROJECT CASTER ASSEMBLY		SIZE B		REQD. I	
MATERIAL -		SCALE 1:1		DWG NO. RTC_DFTII3_AS2	
STOCK SIZE -		LAST REVISED 12/1/17		DRAWN BEN POPOVICH	

RTC	RENTON TECHNICAL COLLEGE	3000 N.E. FOURTH ST. RENTON, WA
-----	--------------------------------	---------------------------------

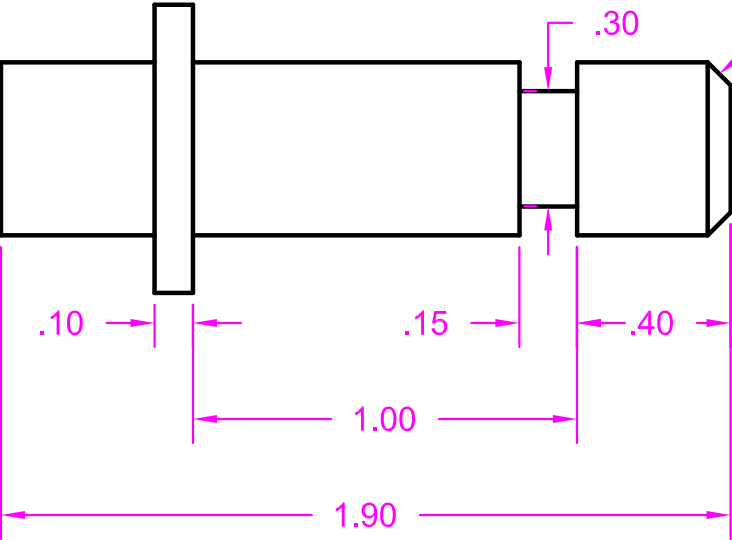
SECTIONED ASSEMBLY



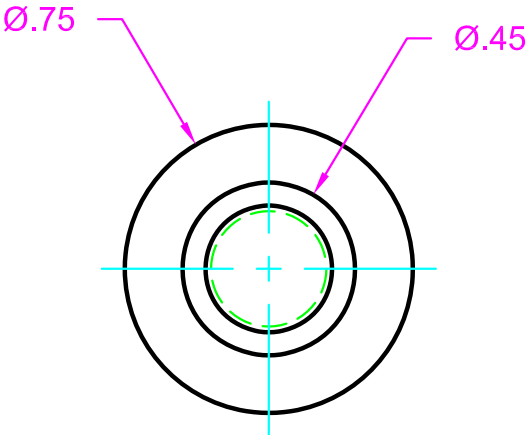
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



PEEN AT ASSEMBLY



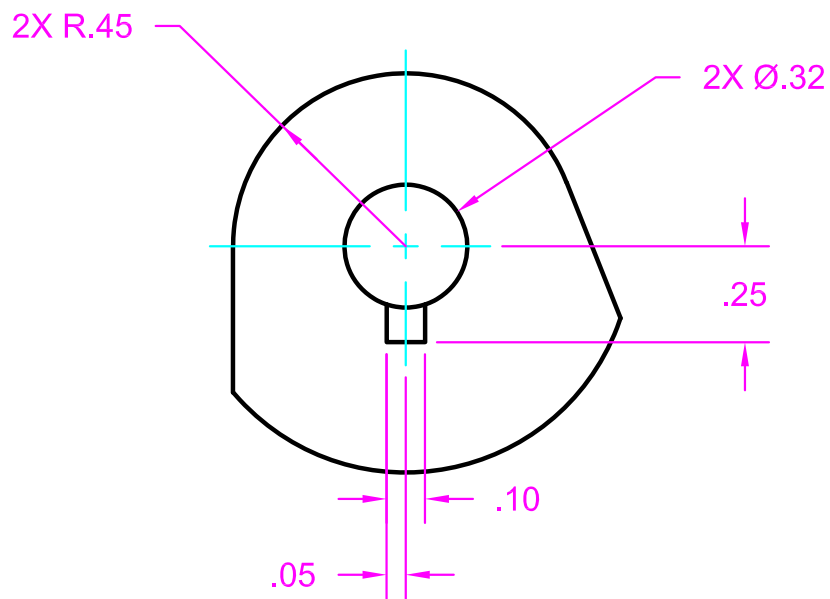
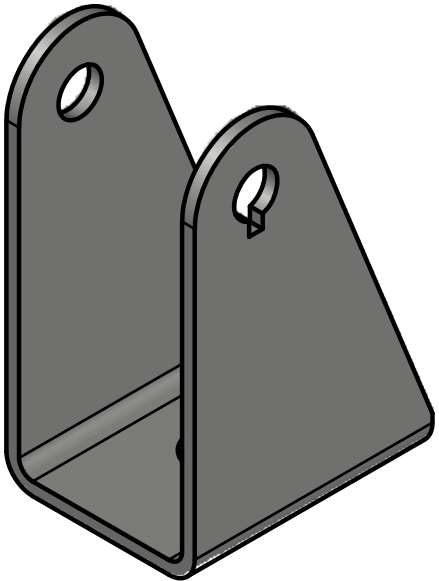
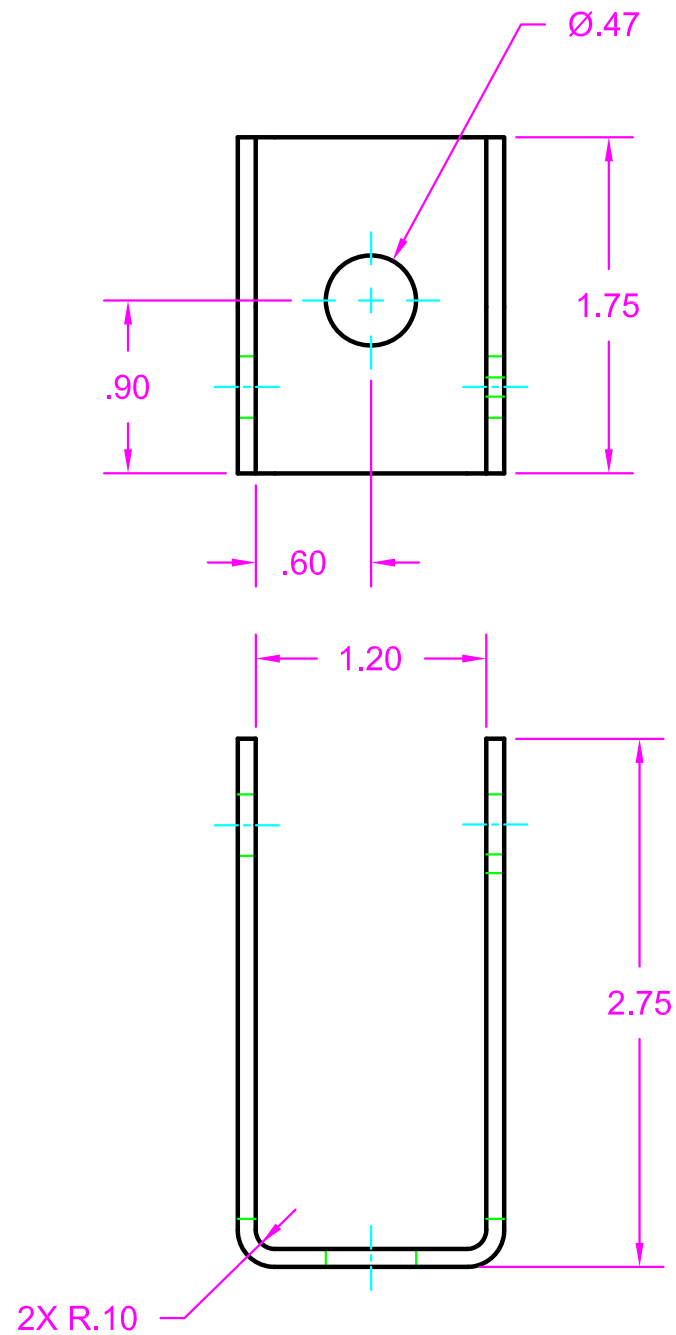
.06 X 45°
CHAMFER



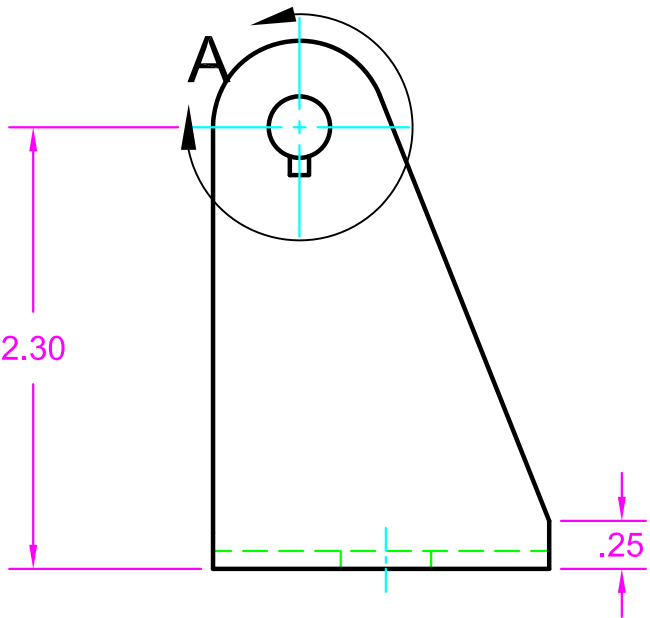
GENERAL NOTES:
REMOVE ALL BURRS AND SHARP EDGES

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES DECIMAL DIMENSIONS: .XX ± .02 .XXX ± .010 ANGLES ± 1°		RTC RENTON TECHNICAL COLLEGE		3000 N.E. FOURTH ST. RENTON, WA		
250 ✓				POST		
PROJECT CASTER ASSEMBLY						
MATERIAL SAE III3		SIZE B	REQD. I	SCALE 2:1	DWG NO. RTC_DFTIII3_PTI	REV -
STOCK SIZE Ø.75 X 2		LAST REVISED 12/1/17		DRAWN BEN POPOVICH		SHEET 3 OF 8

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



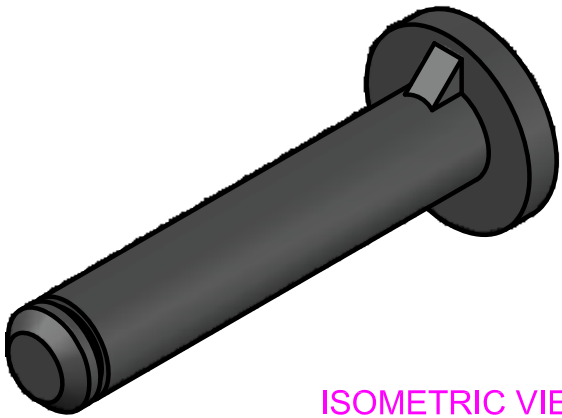
DETAIL A
SCALE 2:1



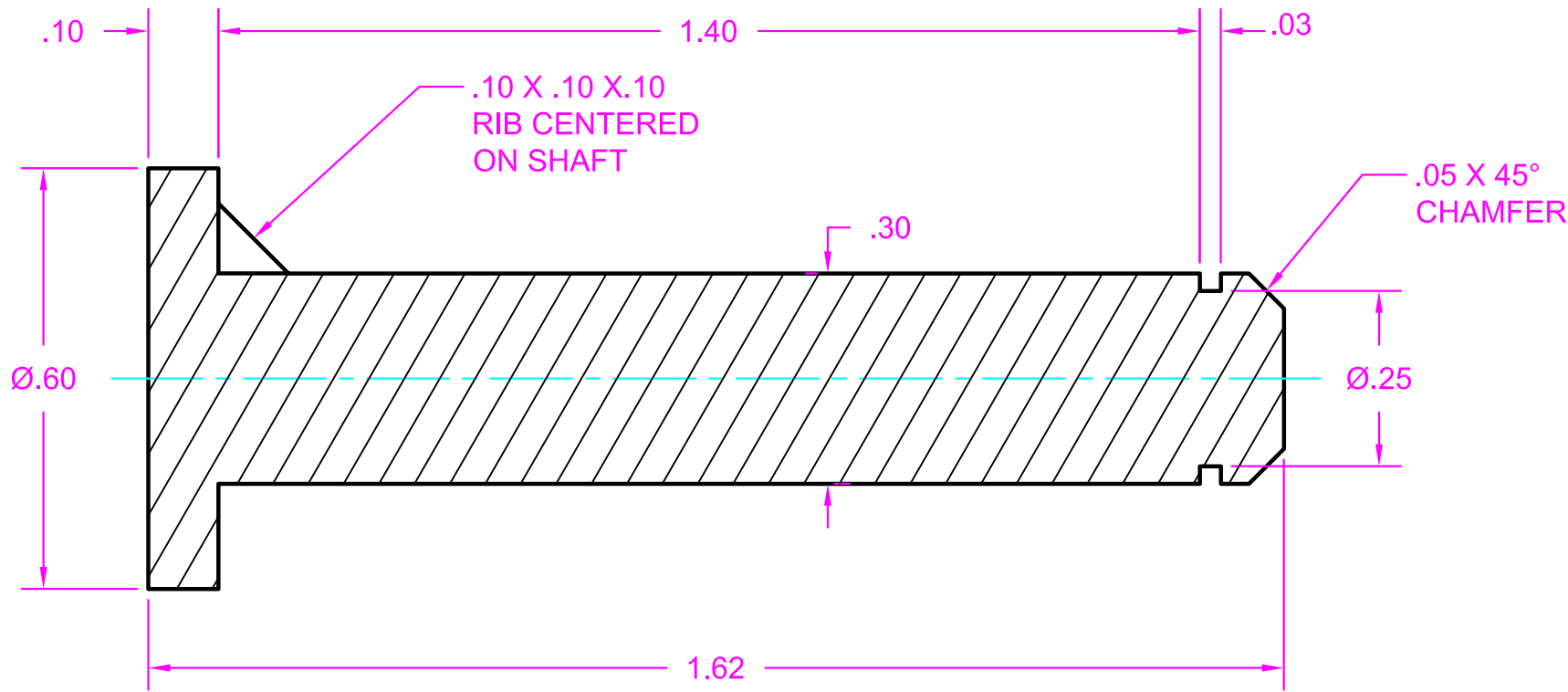
GENERAL NOTES:
REMOVE ALL BURRS AND SHARP EDGES
SHEET METAL THICKNESS I3G
KEY WAY ONLY OCCURS ONE TIME

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES DECIMAL DIMENSIONS: .XX ± .02 .XXX ± .010 ANGLES ± 1°		250 ✓		RTC RENTON TECHNICAL COLLEGE		3000 N.E. FOURTH ST. RENTON, WA	
PROJECT CASTER ASSEMBLY		BRACKET					
MATERIAL GALVANIZED STEEL		SIZE B	REQD. I	SCALE 1:1	DWG NO. RTC_DFTII3_PT2		REV -
STOCK SIZE 13G		LAST REVISED 12/1/17			DRAWN BEN POPOVICH		SHEET 4 OF 8

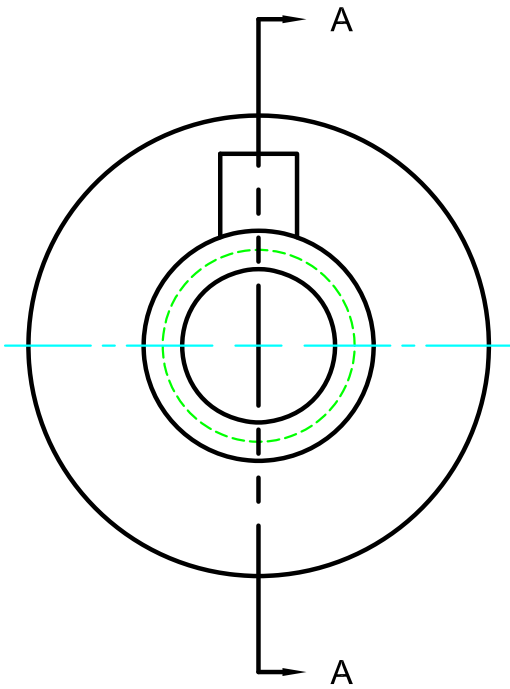
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



ISOMETRIC VIEW
SCALE 2:1



SECTION A-A
SCALE 4:1

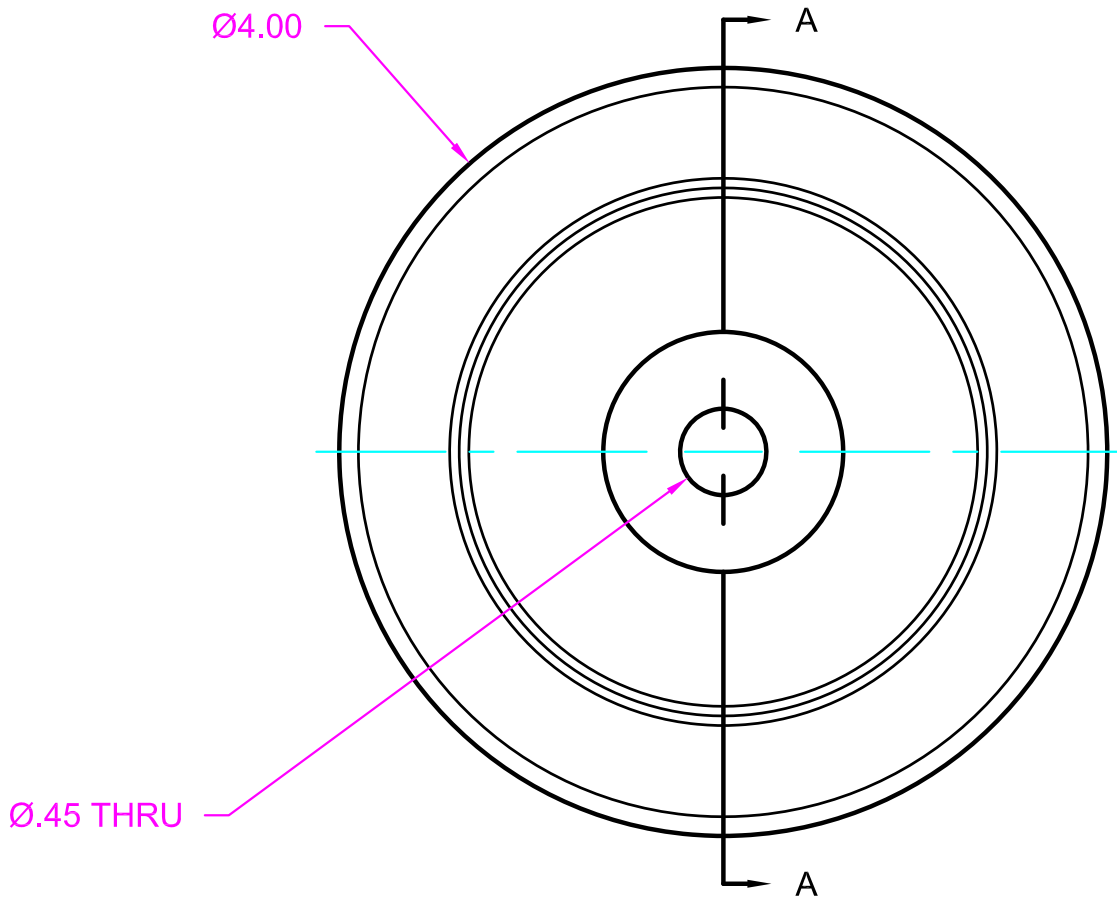
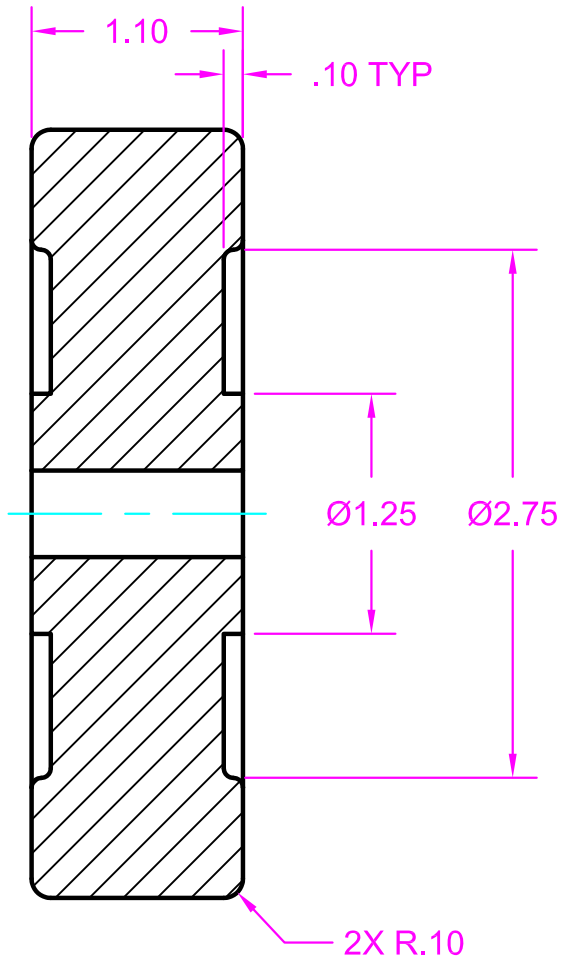


GENERAL NOTES:
REMOVE ALL BURRS AND SHARP EDGES

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES DECIMAL DIMENSIONS: .XX ± .02 .XXX ± .010 ANGLES ± 1°		RTC RENTON TECHNICAL COLLEGE		3000 N.E. FOURTH ST. RENTON, WA		
250 ✓						
PROJECT CASTER ASSEMBLY		SHAFT				
MATERIAL	SAE 1113	SIZE B	REQD. I	SCALE 4:1	DWG NO. RTC_DFT113_PT3	REV -
STOCK SIZE	Ø.60 X 1.65	LAST REVISED 12/1/17		DRAWN BEN POPOVICH		SHEET 5 OF 8



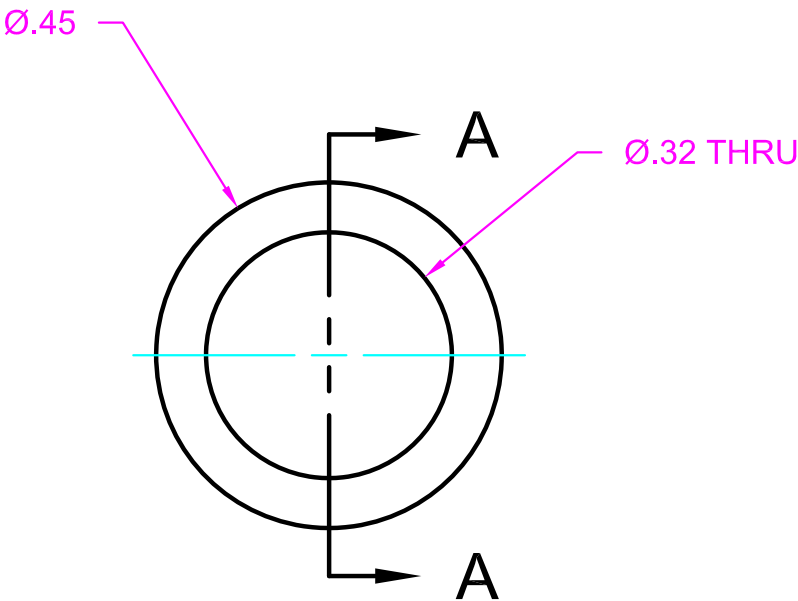
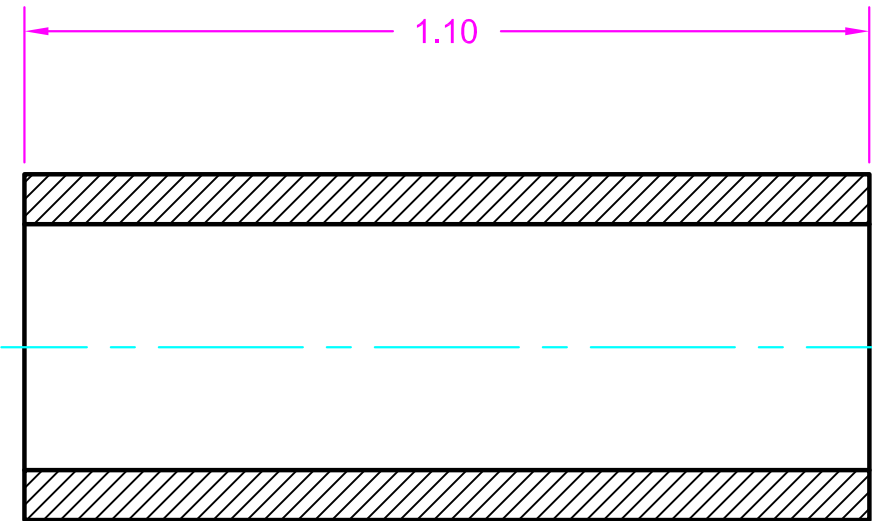
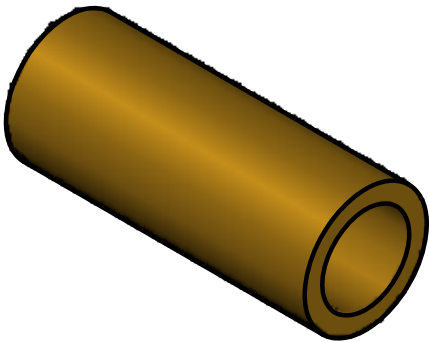
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



GENERAL NOTES:
ALL UNMARKED RADII ARE R.05

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES DECIMAL DIMENSIONS: .XX ± .02 .XXX ± .010 ANGLES ± 1°		RTC RENTON TECHNICAL COLLEGE		3000 N.E. FOURTH ST. RENTON, WA		
250 ✓				WHEEL		
PROJECT CASTER ASSEMBLY		SIZE B	REQD. I	SCALE 1:1	DWG NO. RTC_DFT113_PT4	REV -
MATERIAL HARD RUBBER		LAST REVISED 12/1/17		DRAWN BEN POPOVICH		SHEET 6 OF 8
STOCK SIZE AS CAST						

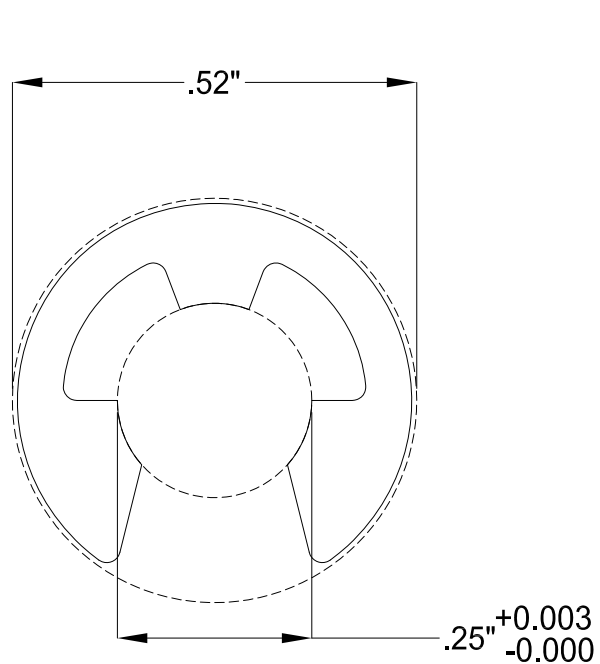
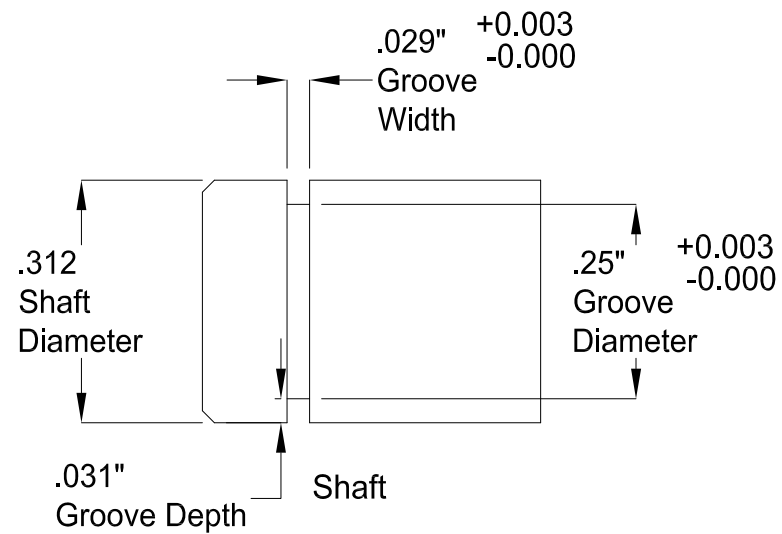
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED



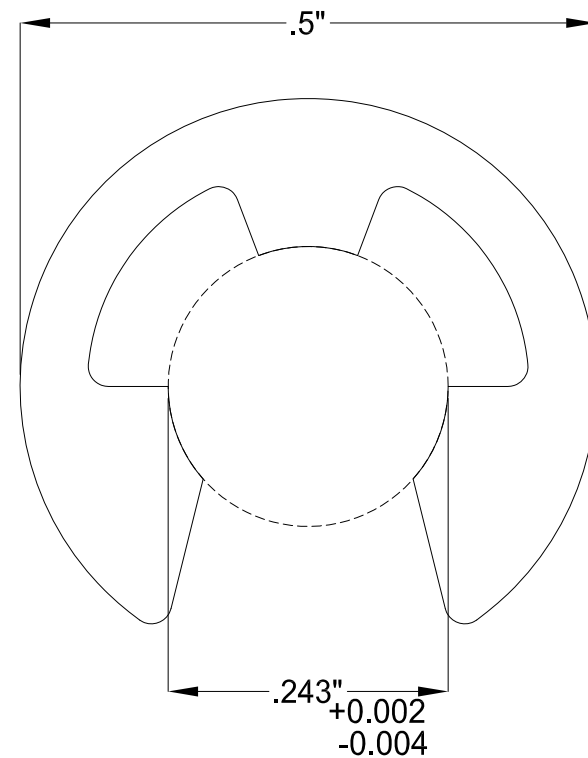
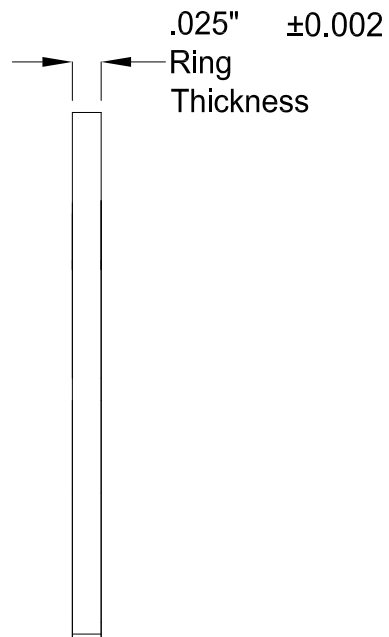
SECTION A-A
SCALE 4:1

GENERAL NOTES:
REMOVE ALL BURRS AND SHARP EDGES

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES DECIMAL DIMENSIONS: .XX ± .02 .XXX ± .010 ANGLES ± 1°		RTC RENTON TECHNICAL COLLEGE		3000 N.E. FOURTH ST. RENTON, WA		
				BUSHING		
PROJECT CASTER ASSEMBLY						
MATERIAL BRASS		SIZE B	REQD. I	SCALE 4:1	DWG NO. RTC_DFTII3_PT5	REV -
STOCK SIZE Ø.50 X 1.15		LAST REVISED 12/1/17		DRAWN BEN POPOVICH		SHEET 7 OF 8



Released in Groove



Note: Clearance diameter is the diameter of a housing that can pass freely over the ring.

McMASTER-CARR CAD	PART NUMBER 97431A310
http://www.mcmaster.com © 2011 McMaster-Carr Supply Company Information in this drawing is provided for reference only.	Black-Finish Steel Side-Mount External Retaining Ring