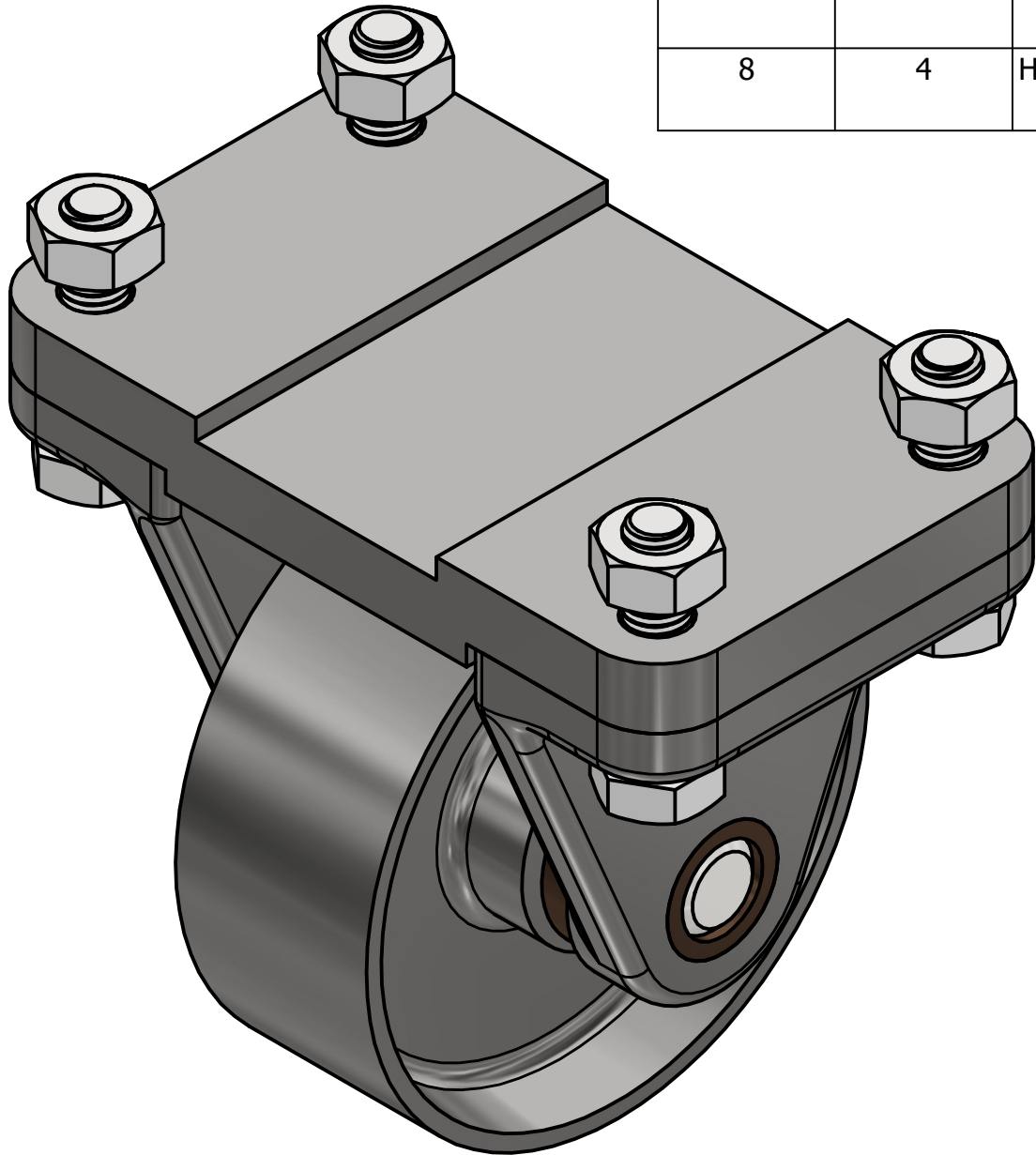


METRIC



CASTER ASSEMBLY
SCALE 1 : 1

PARTS LIST				
ITEM	QTY	PART NUMBER	MATERIAL	DESCRIPTION
1	1	TOP PLATE	MALLEABLE IRON	
2	1	WHEEL	MALLEABLE IRON	
3	2	AXLE SUPPORT	MALLEABLE IRON	
4	1	AXLE	SAE 1020	
5	2	BUSHING	BRONZE	
6	4	HEX HEAD SCREW	STEEL	McMASTER-CARR 91280A101 M10x1.5mm, 40mm LONG
7	4	LOCK WASHER	STEEL	McMASTER-CARR 93837A350 FOR M10 SCREW
8	4	HEX NUT	STEEL	McMASTER-CARR 90593A008 M10x1.5mm

LEGEND:

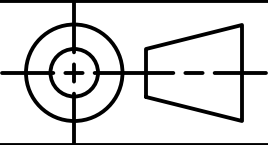
- Ø DIAMETER
- R RADIUS
- ° DEGREES
- └┐ COUNTERBORE/
SPOTFACE

GENERAL NOTES:
ALL FILLETS R3 UNLESS STATED



DIGITAL DESIGN
GRAPHICS
TECHNOLOGY

WWW.DDGT.NET



TOLERANCES UNLESS SPECIFIED:
MILLIMETERS:
WHOLE NUMBERS = ±.5
XX = ±.25
XXX = ±.12
FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES ³²✓

CLASS: DDGT 120

ASSIGNMENT #: 67

INVENTOR DRAWING NAME:
CASTER

FIG #: 9-51

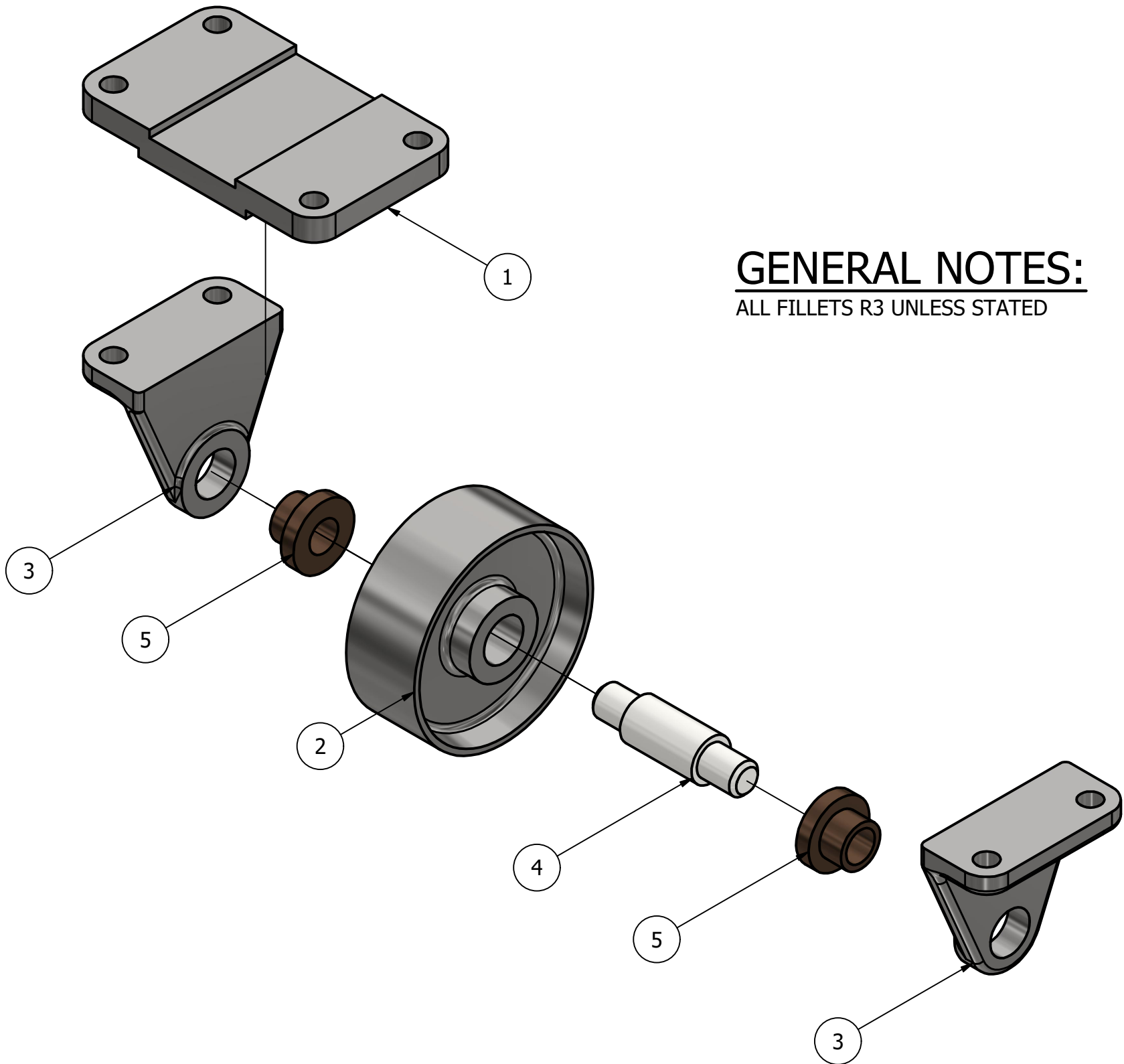
MANAGER: G. STROMMEN

DRAFTER: K. MILLER

DATE: 12/1/2024

SCALE: AS NOTED

PAGE #: 1 OF 4



GENERAL NOTES:
ALL FILLETS R3 UNLESS STATED

CASTER EXPLODED ASSEMBLY
SCALE 1 / 2

PARTS LIST		
ITEM	QTY	PART NUMBER
1	1	TOP PLATE
2	1	WHEEL
3	2	AXLE SUPPORT
4	1	AXLE
5	2	BUSHING

FIT	BETWEEN PARTS
H8/f7	"AXLE" AND "BUSHING"
H7/P6	"AXLE SUPPORT" AND "BUSHING"
H8/f7	"WHEEL" AND "AXLE"

LEGEND:

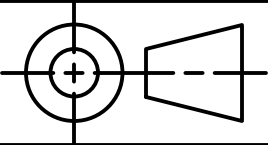
- Ø DIAMETER
- R RADIUS
- ° DEGREES
- COUNTERBORE/ SPOTFACE

METRIC



DIGITAL DESIGN
GRAPHICS
TECHNOLOGY

WWW.DDGT.NET



TOLERANCES UNLESS SPECIFIED:
MILLIMETERS:
WHOLE NUMBERS = ±.5
XX = ±.25
XXX = ±.12
FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES ³²✓

CLASS: DDGT 120

ASSIGNMENT #: 67

INVENTOR DRAWING NAME:
CASTER

FIG #: 9-51

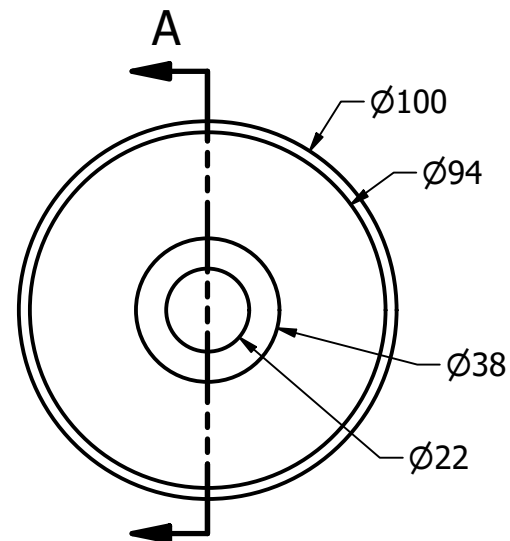
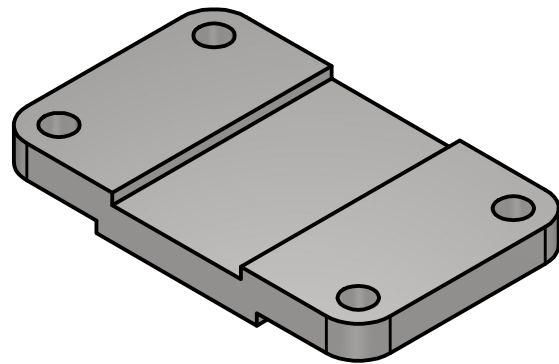
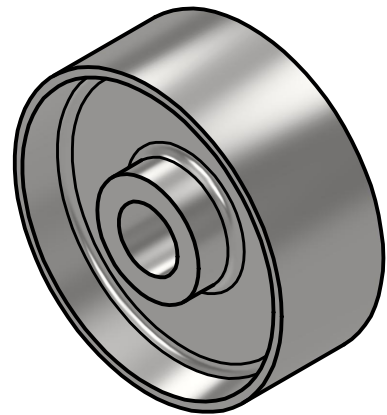
MANAGER: G. STROMMEN

DRAFTER: K. MILLER

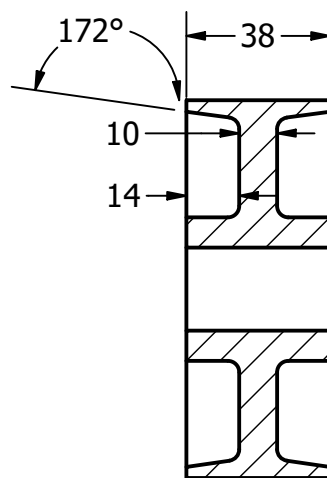
DATE: 12/1/2024

SCALE: AS NOTED

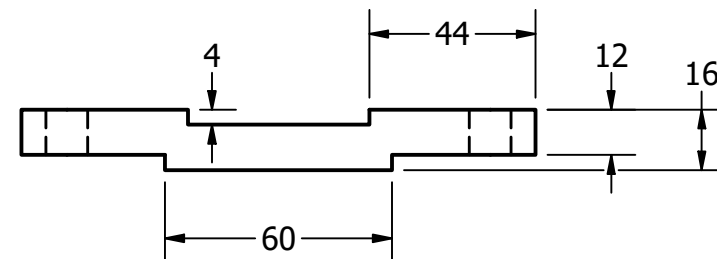
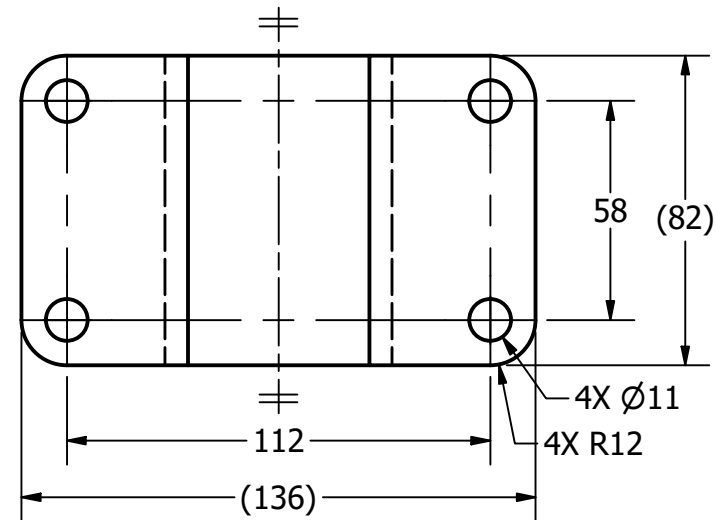
PAGE #: 2 OF 4



WHEEL
SCALE 1 / 2



SECTION A-A
SCALE 1 / 2



TOP PLATE
SCALE 1 / 2

GENERAL NOTES:
ALL FILLETS R3 UNLESS STATED

LEGEND:

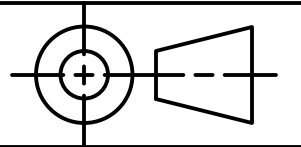
- Ø DIAMETER
- R RADIUS
- ° DEGREES
- COUNTERBORE/
SPOTFACE

PARTS LIST		
ITEM	QTY	PART NUMBER
1	1	TOP PLATE
2	1	WHEEL



DIGITAL DESIGN
GRAPHICS
TECHNOLOGY

WWW.DDGT.NET



TOLERANCES UNLESS SPECIFIED:
MILLIMETERS:
WHOLE NUMBERS = ±.5
XX = ±.25
XXX = ±.12
FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES ³²✓

CLASS: DDGT 120

ASSIGNMENT #: 67

INVENTOR DRAWING NAME:
CASTER

FIG #: 9-51

MANAGER: G. STROMMEN

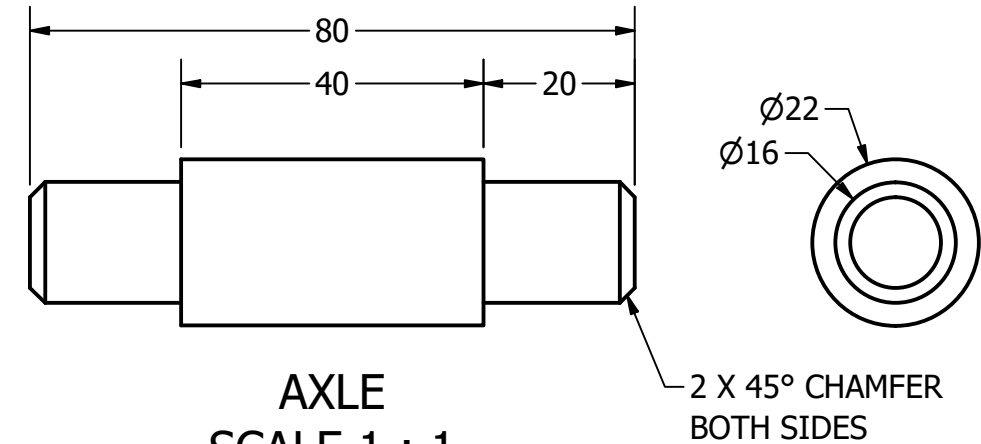
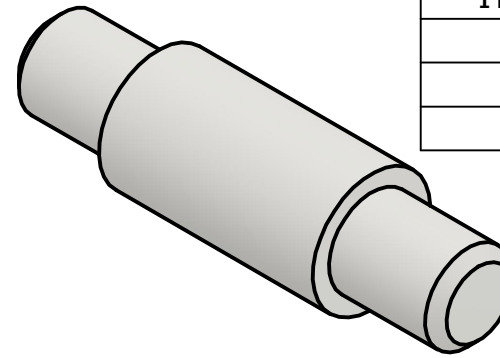
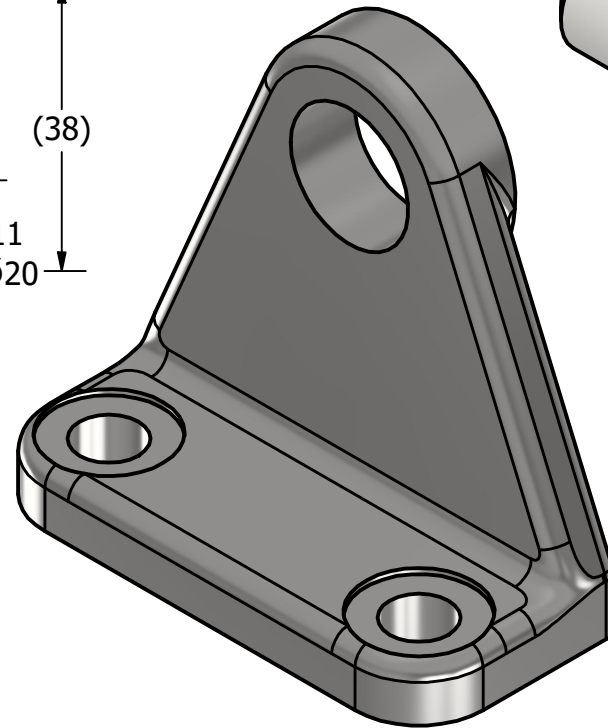
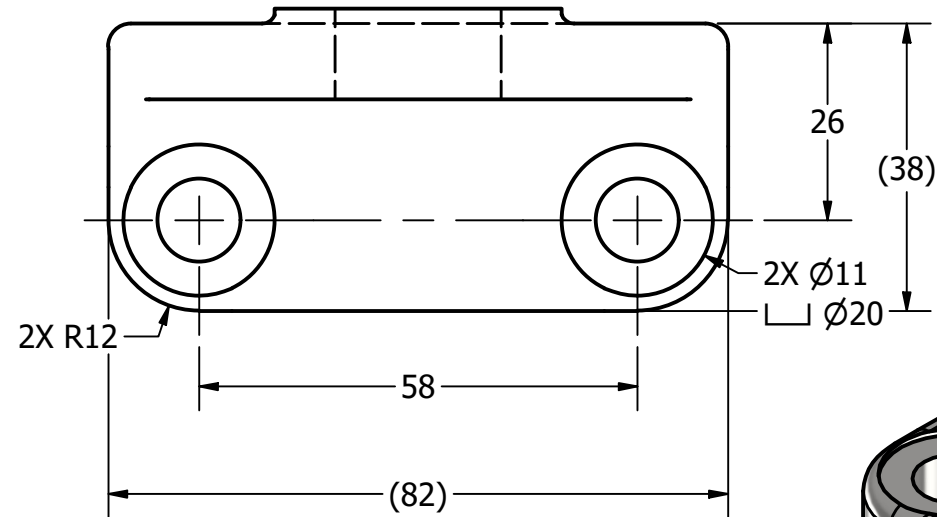
DRAFTER: K. MILLER

DATE: 12/1/2024

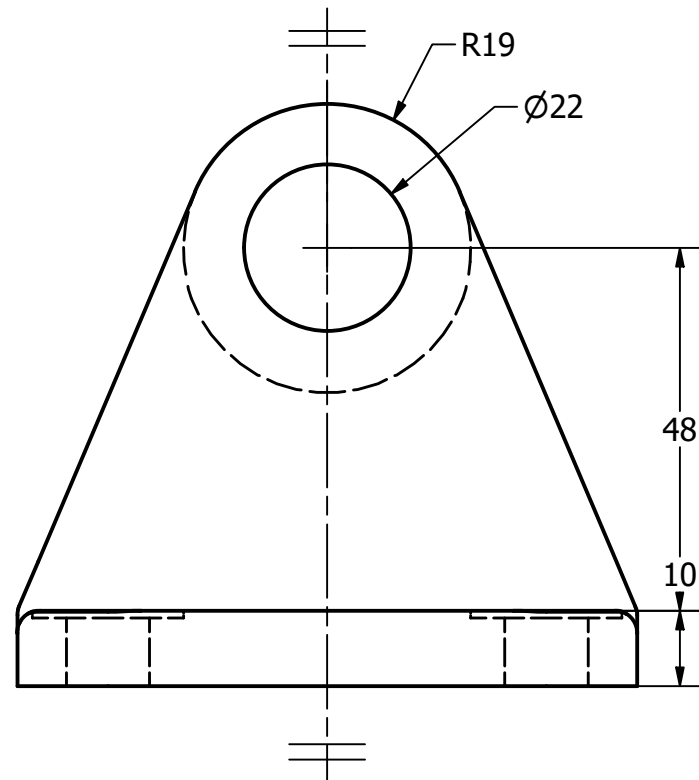
SCALE: AS NOTED

PAGE #: 3 OF 4

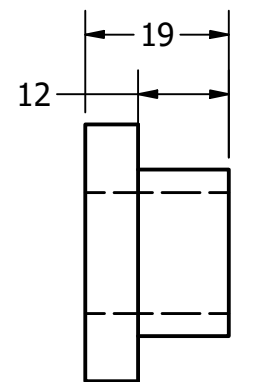
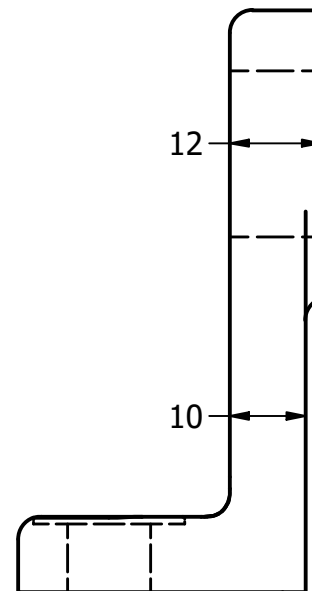
METRIC



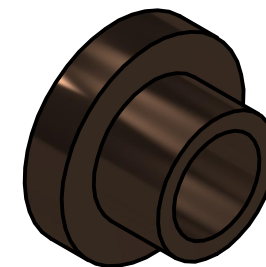
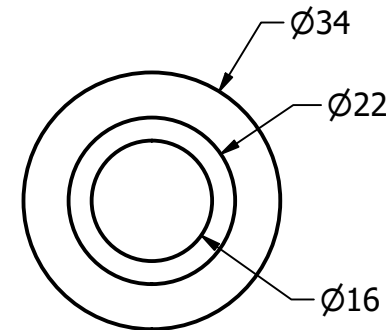
AXLE
SCALE 1 : 1



AXLE SUPPORT
SCALE 1 : 1



BUSHING
SCALE 1 : 1



LEGEND:

- Ø DIAMETER
R RADIUS
° DEGREES
└─ COUNTERBORE/
SPOTFACE

GENERAL NOTES:

ALL FILLETS R3 UNLESS STATED

METRIC

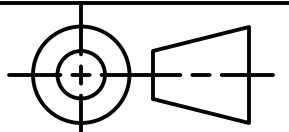
PARTS LIST

ITEM	QTY	PART NUMBER
3	2	AXLE SUPPORT
4	1	AXLE
5	2	BUSHING

DDGT

DIGITAL DESIGN
GRAPHICS
TECHNOLOGY

WWW.DDGT.NET



TOLERANCES UNLESS SPECIFIED:
MILLIMETERS:
WHOLE NUMBERS = ±.5
XX = ±.25
XXX = ±.12
FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES ³²✓

CLASS: DDGT 120

ASSIGNMENT #: 67

INVENTOR DRAWING NAME:
CASTER

FIG #: 9-51

MANAGER: G. STROMMEN

DRAFTER: K. MILLER

DATE: 12/1/2024

SCALE: AS NOTED

PAGE #: 4 OF 4