

GENERAL NOTES:

FASTEN ASSEMBLY TO A 6mm STEEL PLATE BY FOUR M10 X 40mm LONG HEX HEAD BOLTS, NUTS AND LOCK WASHERS

ROUNDS AND FILLETS R3

PARTS LIST

ITEM	QTY.	PART NAME	MATERIAL
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

DDGT

DIGITAL DESIGN
GRAPHICS
TECHNOLOGY

WWW.DDGT.NET

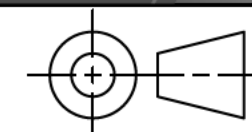
BRIGID HEDLUND

Drafter/Designer



Napa, CA

brigid.hedlund@gmail.com



TOLERANCES UNLESS SPECIFIED:
MILLIMETERS = $\pm .5$
X = $\pm .25$
X = $\pm .12$

FRACTIONAL $\pm 1/64$ "
ANGLES ± 1 DEGREE
SURFACES $32/$

CLASS: DDGT120

ASSIGNMENT #: 60

AUTOCAD DRAWING NAME:
CASTER ASSEMBLY

FIG #: 9-51

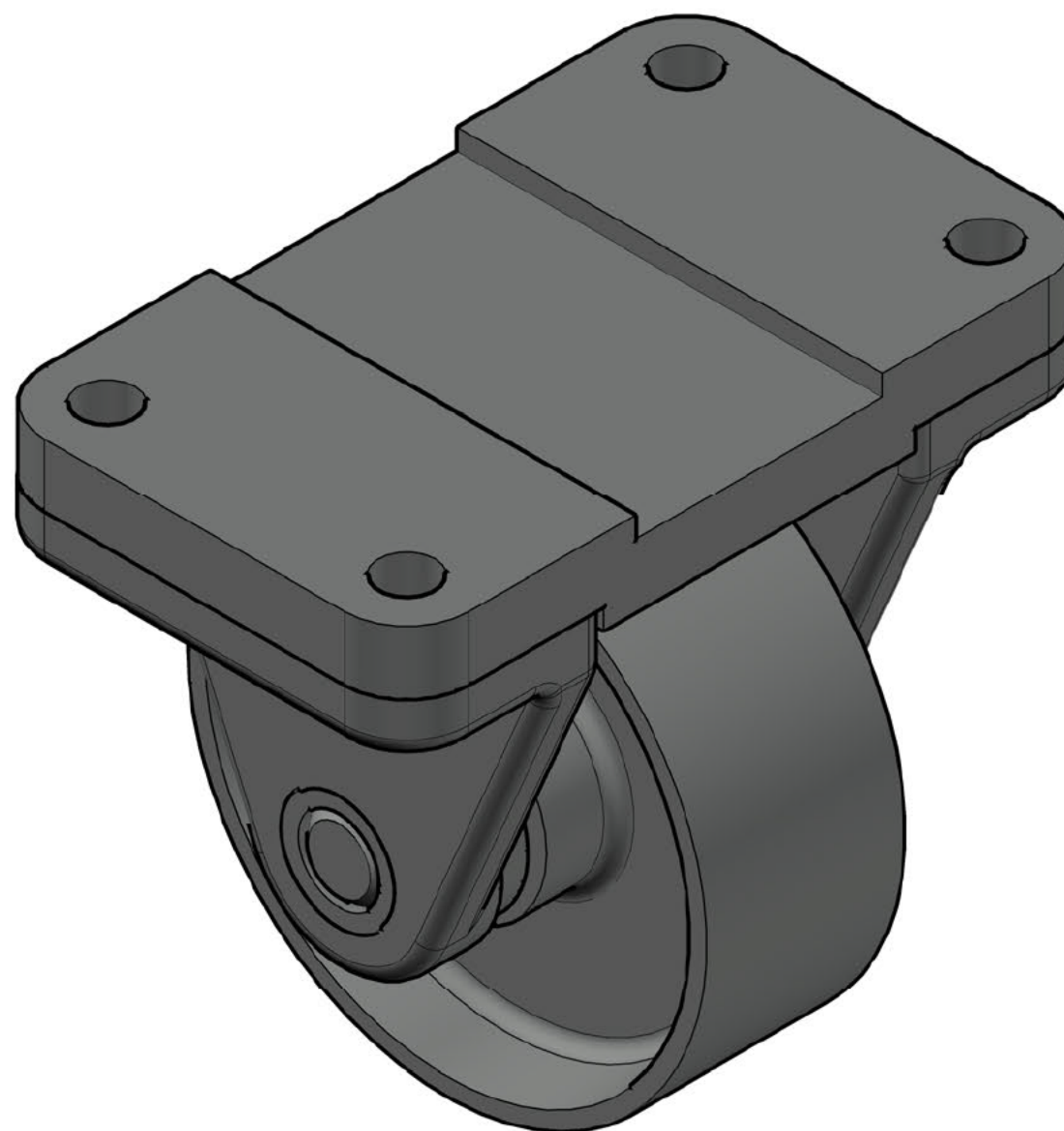
MANAGER: G. STROMMEN

DRAFTER: B. HEDLUND

DATE: 4/16/2025

SCALE: AS NOTED

PAGE #: 1 OF 4



CASTER ASSEMBLY
SCALE 1:1

LEGEND:

$\varnothing$ DIAMETER
R RADIUS
• DEGREES
□ SPOTFACE

METRIC

FIT	BETWEEN PARTS
H8/f7	"AXLE" AND "BUSHING"
H7/p6	"AXLE SUPPORT" AND "BUSHING"
H8/f7	"WHEEL" AND "AXLE"

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

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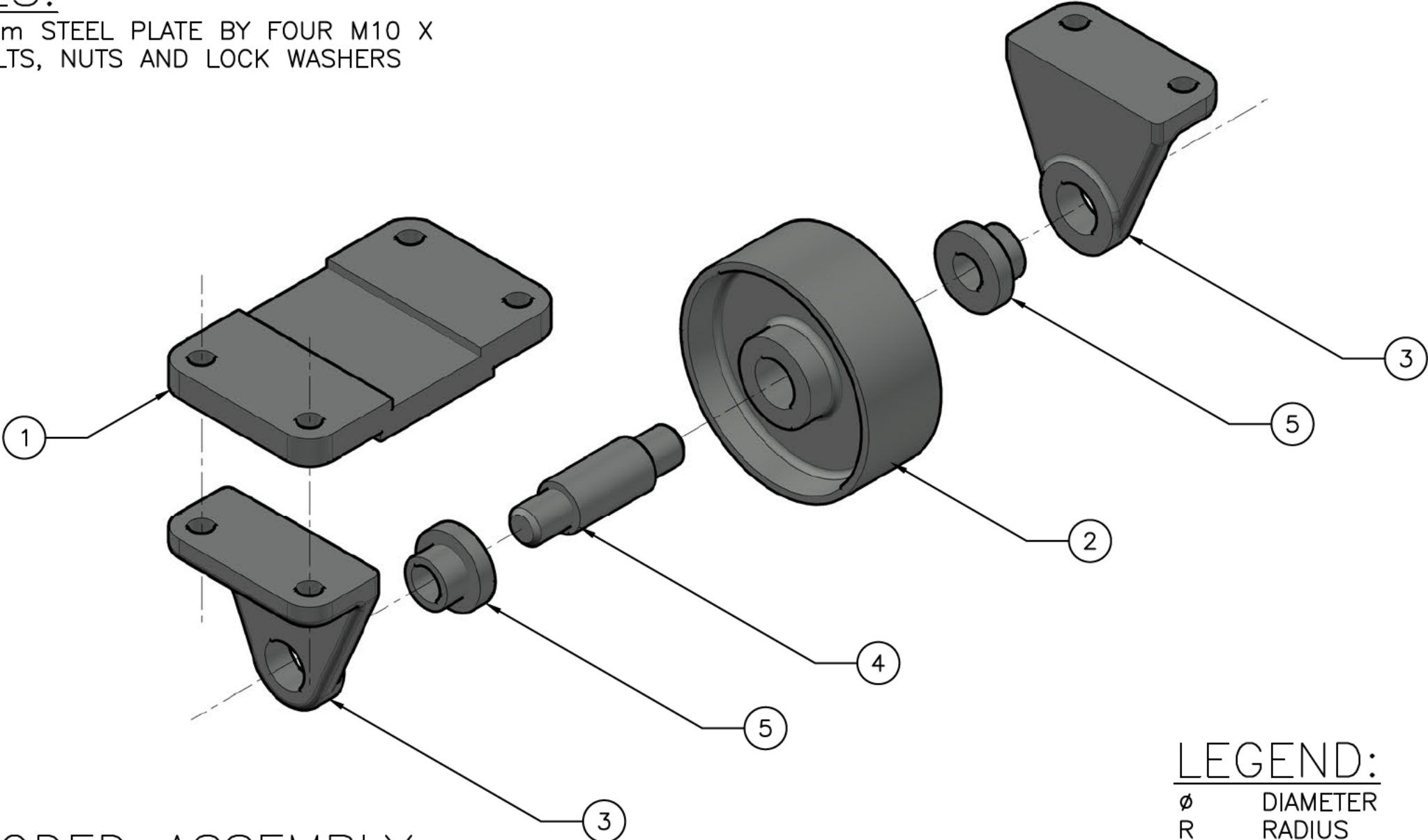
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ROUNDS AND FILLETS R3



LEGEND:

∅	DIAMETER
R	RADIUS
°	DEGREES
□	SPOTFACE

CASTER EXPLODED ASSEMBLY
SCALE 1:2

TOLERANCES UNLESS SPECIFIED: MILLIMETERS = ±.5 X = ±.25 X = ±.12	
FRACTIONAL ±1/64" ANGLES ±1 DEGREE SURFACES 32/	
CLASS:	DDGT120
ASSIGNMENT #:	60
AUTOCAD DRAWING NAME:	CASTER ASSEMBLY
FIG #:	9-51
MANAGER:	G. STROMMEN
DRAFTER:	B. HEDLUND
DATE:	4/16/2025
SCALE:	AS NOTED
PAGE #:	2 OF 4

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ROUNDS AND FILLETS R3

LEGEND:

ϕ DIAMETER
 R RADIUS
 ° DEGREES
 SPOTFACE

PARTS LIST

ITEM	QTY.	PART NAME
1	1	TOP PLATE
2	1	WHEEL

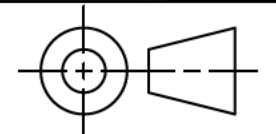


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MILLIMETERS = ± 0.5
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X = ± 0.12

FRACTIONAL $\pm 1/64$ "
ANGLES ± 1 DEGREE
SURFACES $32/\sqrt{}$

CLASS: DDGT120

ASSIGNMENT #: 60

AUTOCAD DRAWING NAME:

CASTER ASSEMBLY

FIG #: 9-51

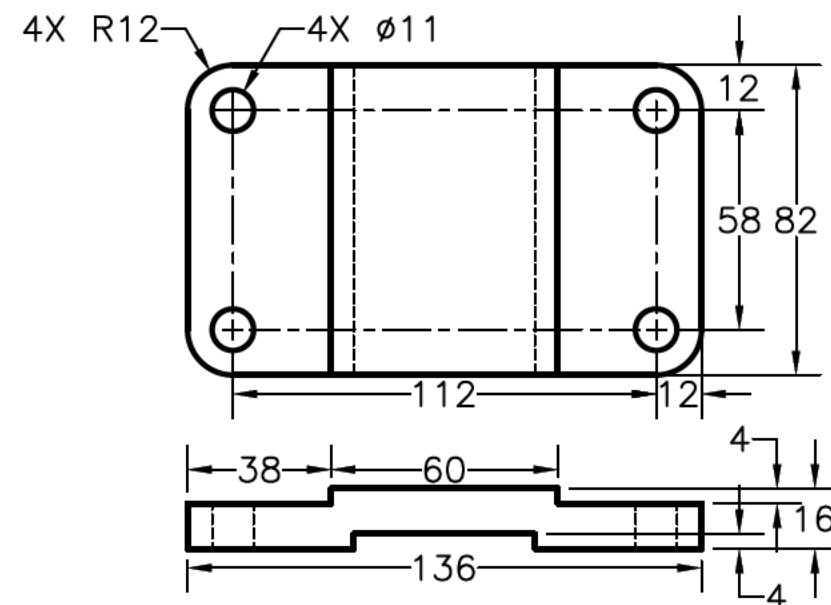
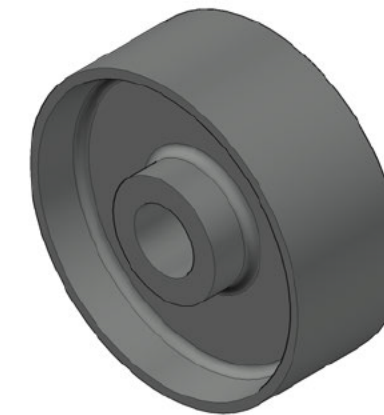
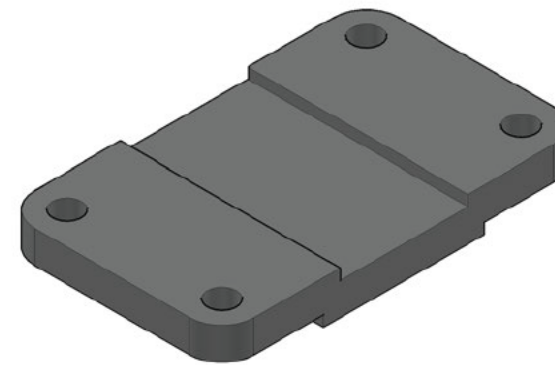
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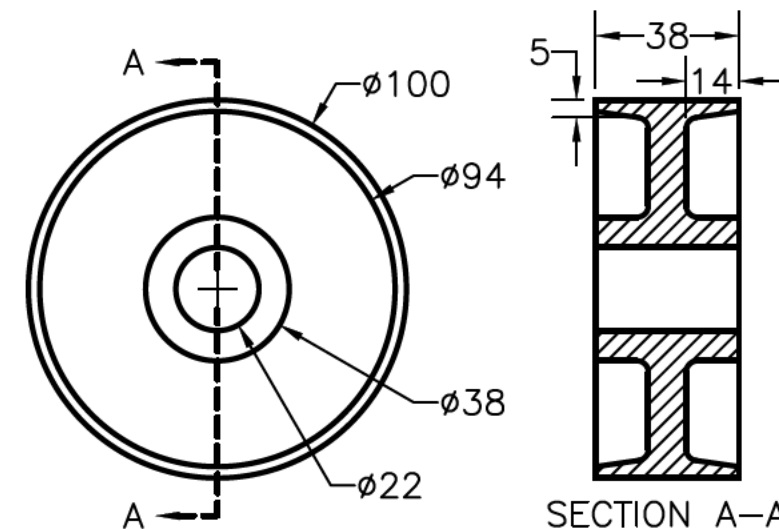
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TOP PLATE
SCALE 1:2



WHEEL
SCALE 1:2

METRIC

GENERAL NOTES:

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ROUNDS AND FILLETS R3

LEGEND:

$\varnothing$ DIAMETER
 R RADIUS
 ° DEGREES
 □ SPOTFACE

PARTS LIST

ITEM	QTY.	PART NAME
3	2	AXLE SUPPORT
4	1	AXLE
5	2	BUSHING

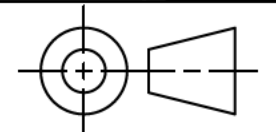
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ANGLES ± 1 DEGREE
SURFACES $32/$

CLASS: DDGT120

ASSIGNMENT #: 60

AUTOCAD DRAWING NAME:

CASTER ASSEMBLY

FIG #: 9-51

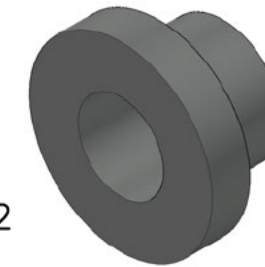
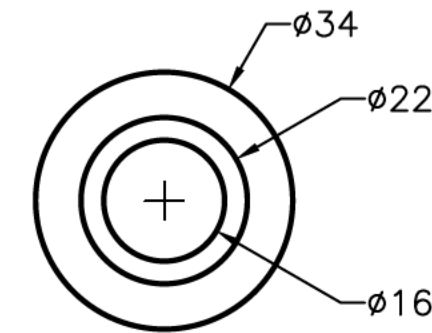
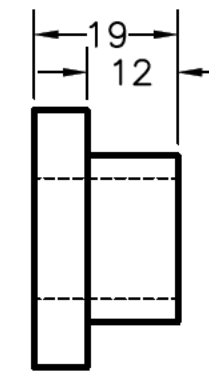
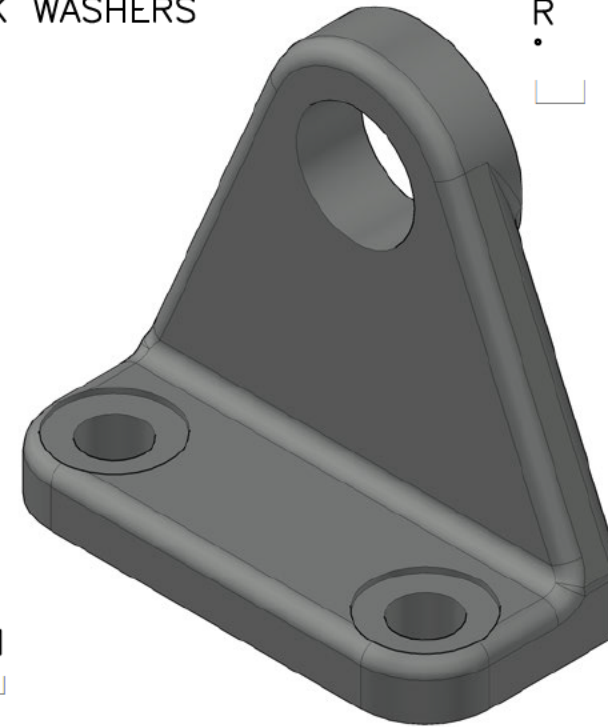
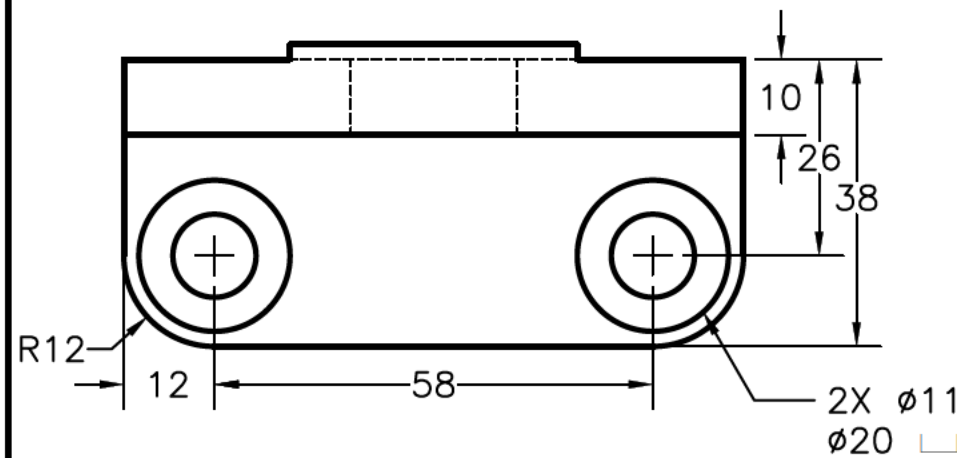
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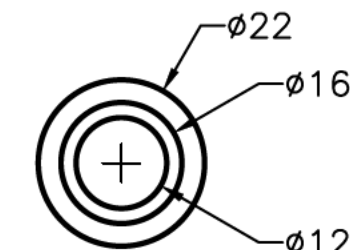
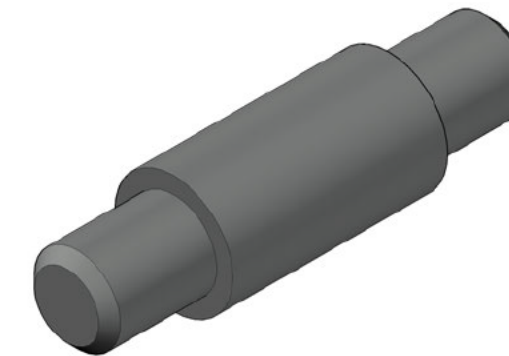
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BUSHING
SCALE 1:1



2 X 45° CHAMFER
(BOTH SIDES)

AXLE
SCALE 1:1

METRIC

AXLE SUPPORT
SCALE 1:1

