

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	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

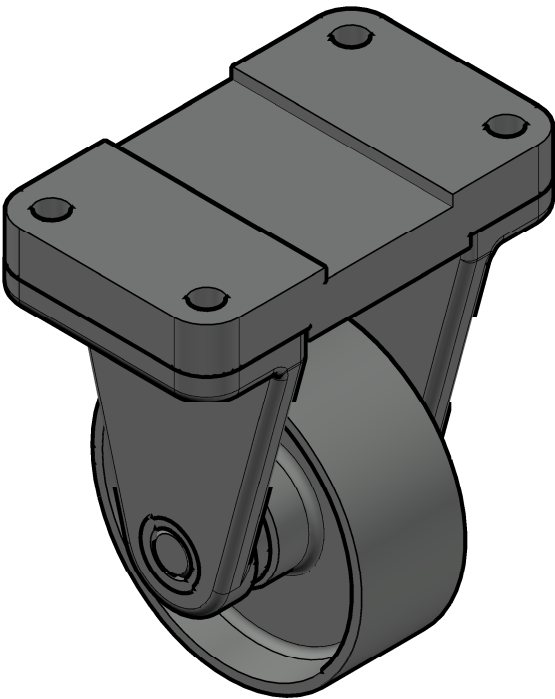
DIGITAL DESIGN
GRAPHICS
TECHNOLOGY

WWW.DDGT.NET

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



CASTER ASSEMBLY
SCALE 1:2

METRIC

LEGEND:

∅	DIAMETER
R	RADIUS
•	DEGREES
	SPOTFACE

TOLERANCES UNLESS SPECIFIED:
MILLIMETERS = ±.5
X = ±.25
XX = ±.12

FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES 32/

CLASS:	DDGT 120
ASSIGNMENT #:	60
AUTOCAD DRAWING NAME:	CASTING ASSEMBLY
FIG #:	9-51
MANAGER:	G. STROMMEN
DRAFTER:	P. BELL
DATE:	4/14/2025
SCALE:	AS NOTED
PAGE #:	1 OF 4

LEGEND:

∅ DIAMETER
R RADIUS
° DEGREES
| | SPOTFACE

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ROUNDS AND FILLETS R3

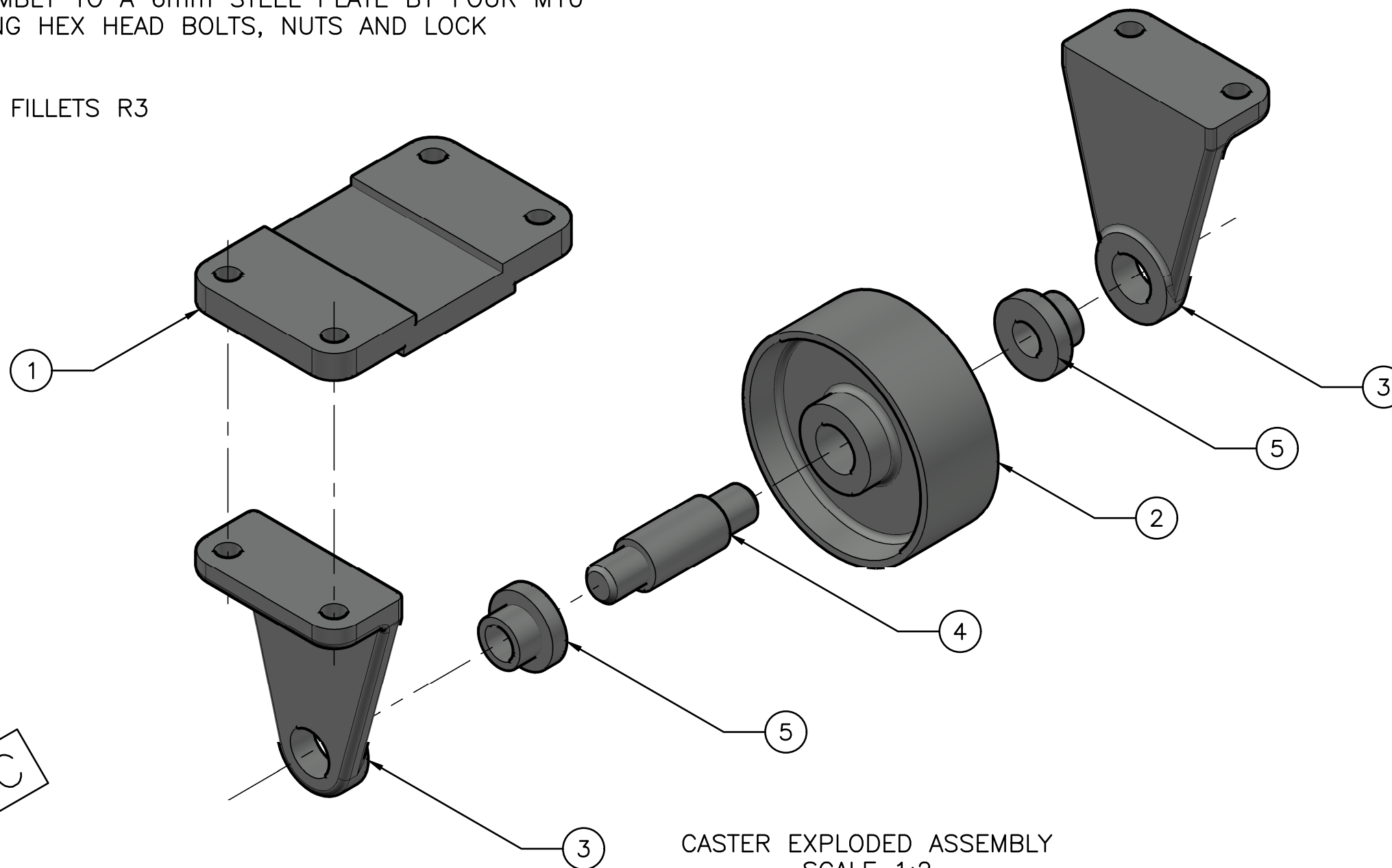
PARTS LIST

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

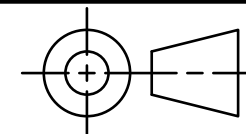
DDGT

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CASTER EXPLODED ASSEMBLY
SCALE 1:2



TOLERANCES UNLESS SPECIFIED:
MILLIMETERS = ± 0.5
X = ± 0.25
XX = ± 0.12

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

CLASS: DDGT 120

ASSIGNMENT #: 60

AUTOCAD DRAWING NAME:
CASTING ASSEMBLY

FIG #: 9-51

MANAGER: G. STROMMEN

DRAFTER: P. BELL

DATE: 4/14/2025

SCALE: AS NOTED

PAGE #: 2 OF 4

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

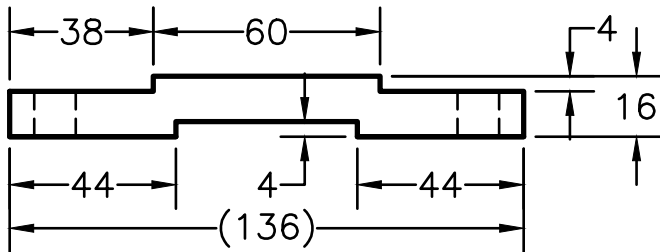
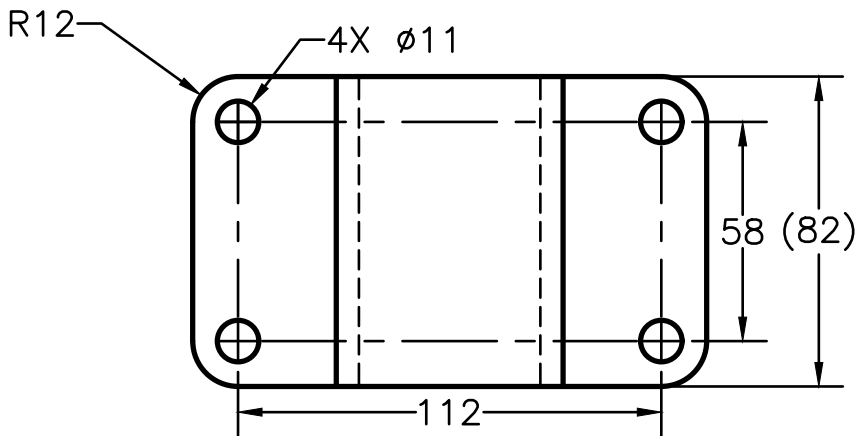
PARTS LIST

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

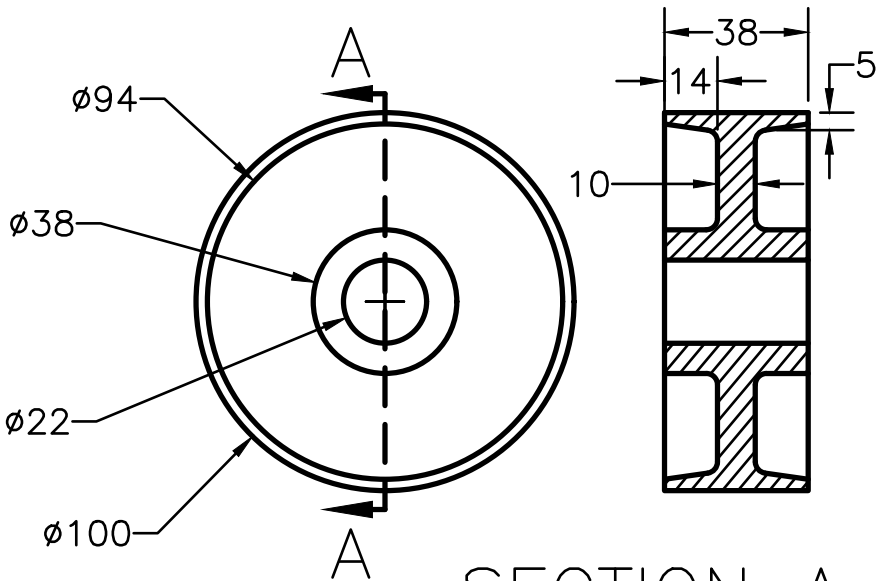
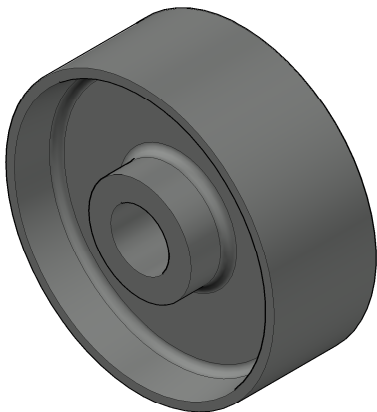
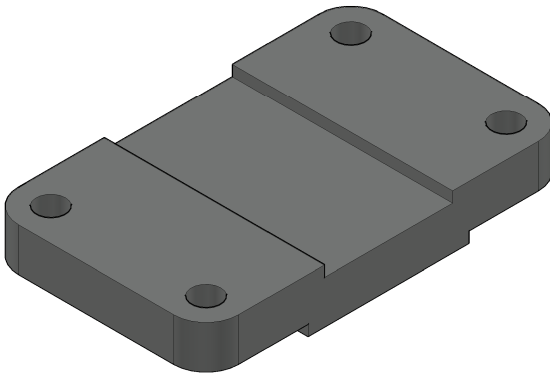


DIGITAL DESIGN
GRAPHICS
TECHNOLOGY

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TOP PLATE
SCALE 1:2

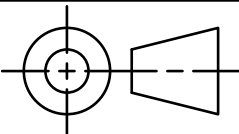


SECTION A-A

WHEEL
SCALE 1:2
SECTION A-A

LEGEND:

Ø	DIAMETER
R	RADIUS
°	DEGREES
	SPOTFACE



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FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES 32/

CLASS: DDGT 120

ASSIGNMENT #: 60

AUTOCAD DRAWING NAME:
CASTING ASSEMBLY

FIG #: 9-51

MANAGER: G. STROMMEN

DRAFTER: P. BELL

DATE: 4/14/2025

SCALE: AS NOTED

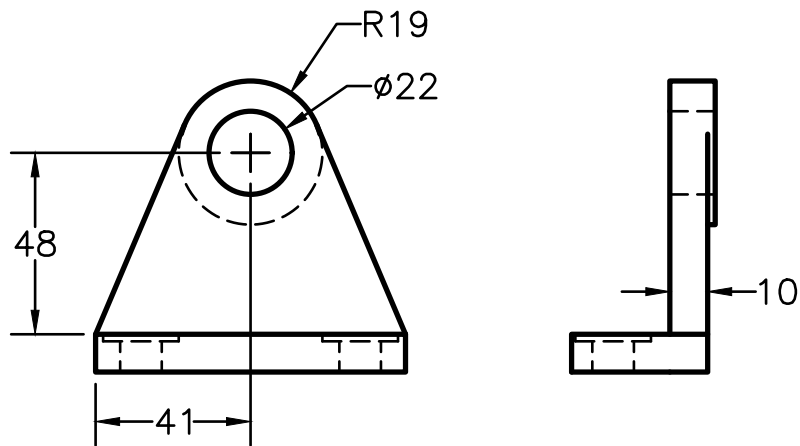
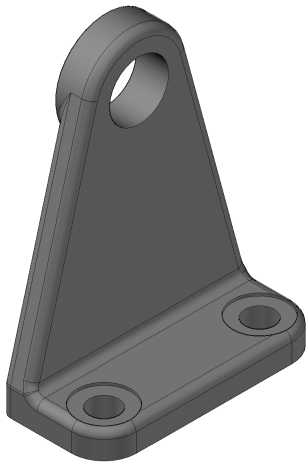
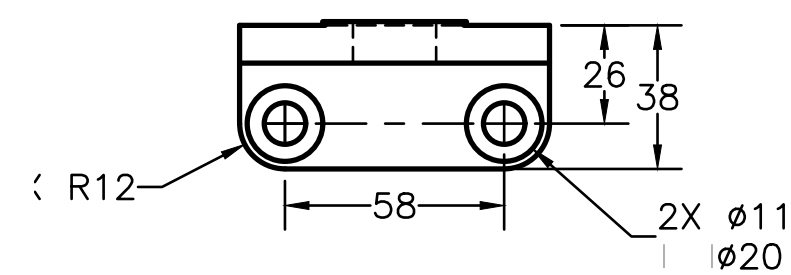
PAGE #: 3 OF 4

METRIC

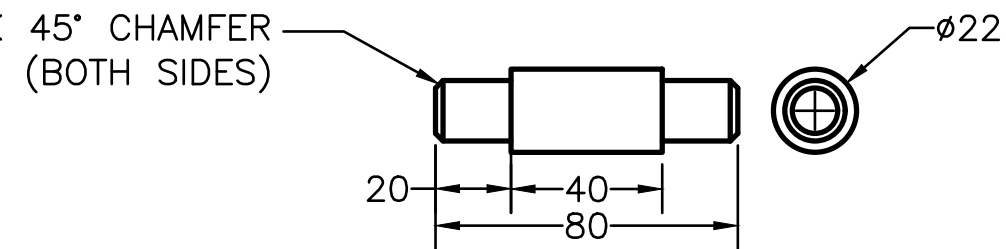
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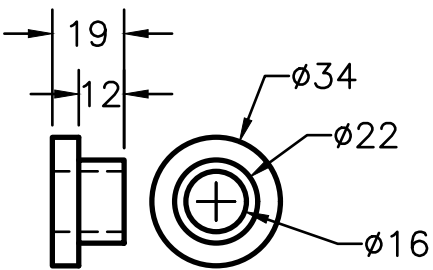
ROUNDS AND FILLETS R3



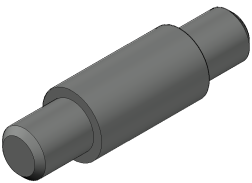
AXLE SUPPORT
SCALE 1:2



AXLE
SCALE 1:2



BUSHING
SCALE 1:2



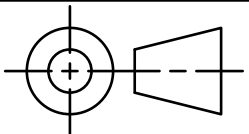
PARTS LIST

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



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FIG #: 9-51

MANAGER: G. STROMMEN

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METRIC