

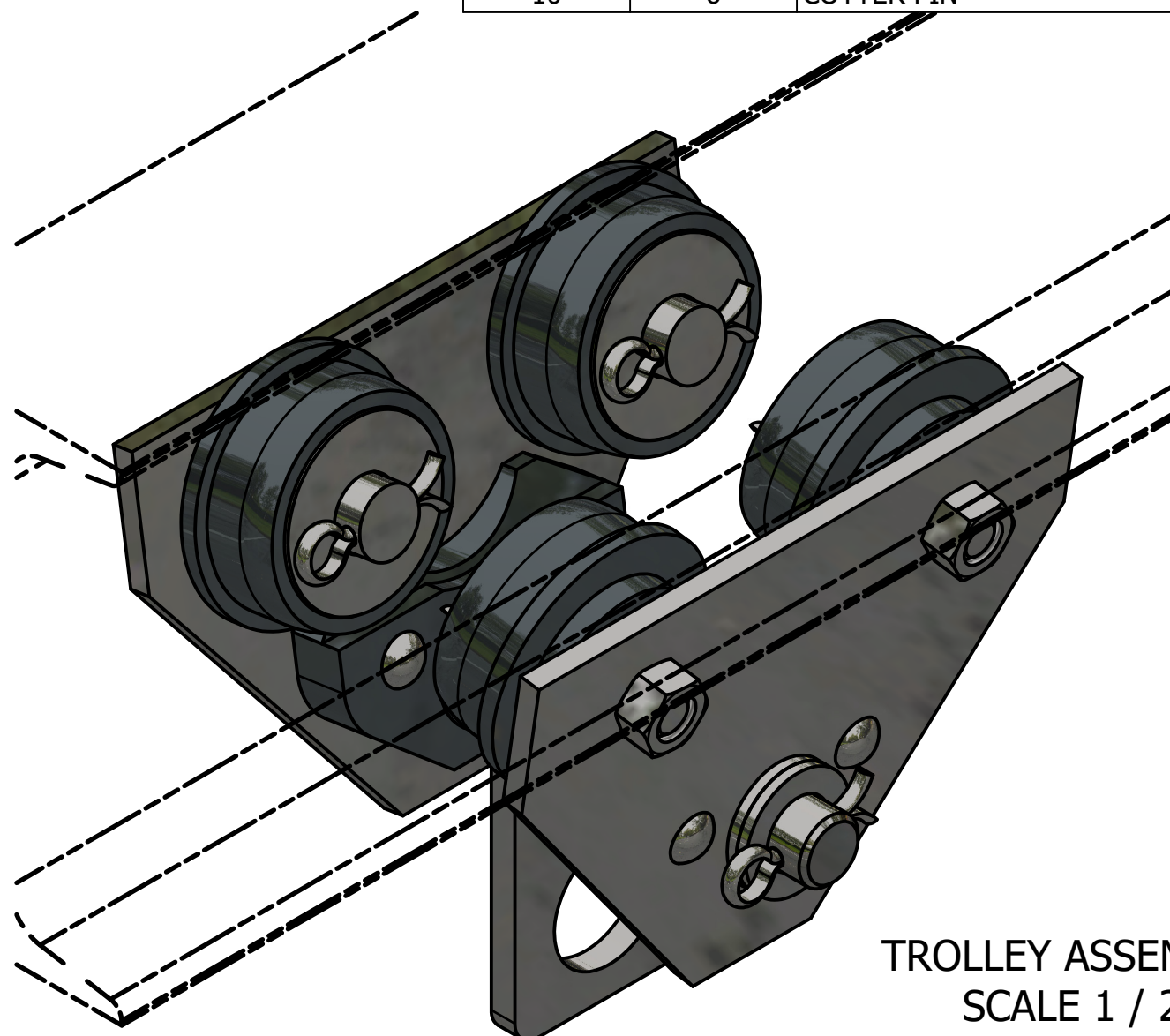


DIGITAL DESIGN
GRAPHICS
TECHNOLOGY

WWW.DDGT.NET

PARTS LIST

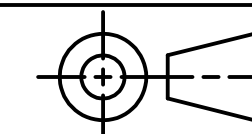
ITEM	QTY	PART NUMBER	MATERIAL	DESCRIPTION
1	2	SIDE PLATE SUB-ASSEMBLY		
1.1	1	SIDE PLATE	MILD STEEL	
1.2	1	GUIDE	CAST IRON	
1.3	2	RIVET	STANDARD	BUTTON HEAD, Ø10 X 60 LONG
2	1	AXLE	COLD ROLLED STEEL	
3	1	HOOK	MILD STEEL	10 THICK
4	44	ROLLER BEARING	COLD ROLLED STEEL	Ø10 X 38 LONG
5	4	WHEEL	CAST IRON	
6	4	WHEEL AXLE	COLD ROLLED STEEL	
7	12	ADJUSTING WASHER	STANDARD	Ø26ID X Ø44OD X 4 THICK
8	4	WASHER	STANDARD	Ø26ID X Ø65OD X 3 THICK
9	4	LOCKNUT	STANDARD	M16 X 2 (PREVAILING TORQUE INSERT-TYPE)
10	6	COTTER PIN	STANDARD	Ø6 X 40 LONG



TROLLEY ASSEMBLY
SCALE 1 / 2

LEGEND:

- Ø DIAMETER
- R RADIUS
- ° DEGREES



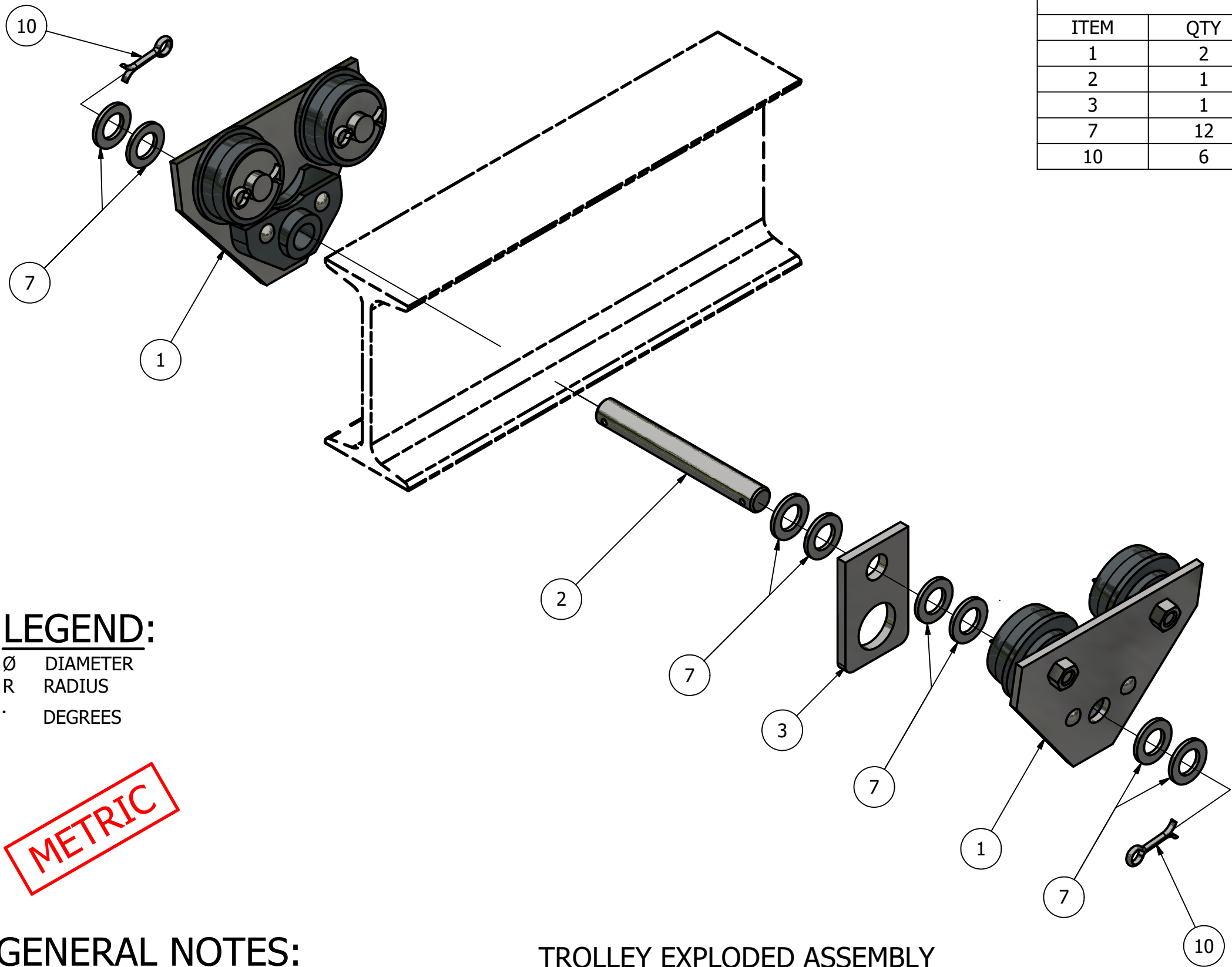
TOLERANCES UNLESS SPECIFIED:
MILLIMETERS:
WHOLE NUMBERS = ±.5
X = ±.010
XX = ±.005
FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES $\sqrt{\text{32}}$

GENERAL NOTES:

TROLLEY TO BE MOUNTED ON AN
S200 X 34 BEAM

ALL CHAMFER ARE 2 X 2 UNLESS OTHERWISE NOTED

CLASS:	DDGT 120
ASSIGNMENT #:	70
INVENTOR DRAWING NAME:	TROLLEY
FIG #:	14-83
MANAGER:	G. STROMMEN
DRAWN BY:	A. MOSTAFA
DATE:	12/5/2022
SCALE:	AS NOTED
PAGE #:	1 OF 6



PARTS LIST		
ITEM	QTY	PART NUMBER
1	2	SIDE PLATE SUB-ASSEMBLY
2	1	AXLE
3	1	HOOK
7	12	ADJUSTING WASHER
10	6	COTTER PIN



DIGITAL DESIGN
GRAPHICS
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LEGEND:

- ∅ DIAMETER
- R RADIUS
- ° DEGREES

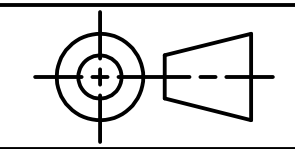
METRIC

GENERAL NOTES:

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TROLLEY EXPLODED ASSEMBLY
SCALE 1 / 4



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ANGLES ±1 DEGREE
SURFACES $\sqrt{\text{32}}$

CLASS: DDGT 120

ASSIGNMENT #: 70

INVENTOR DRAWING NAME:
TROLLEY

FIG #: 14-83

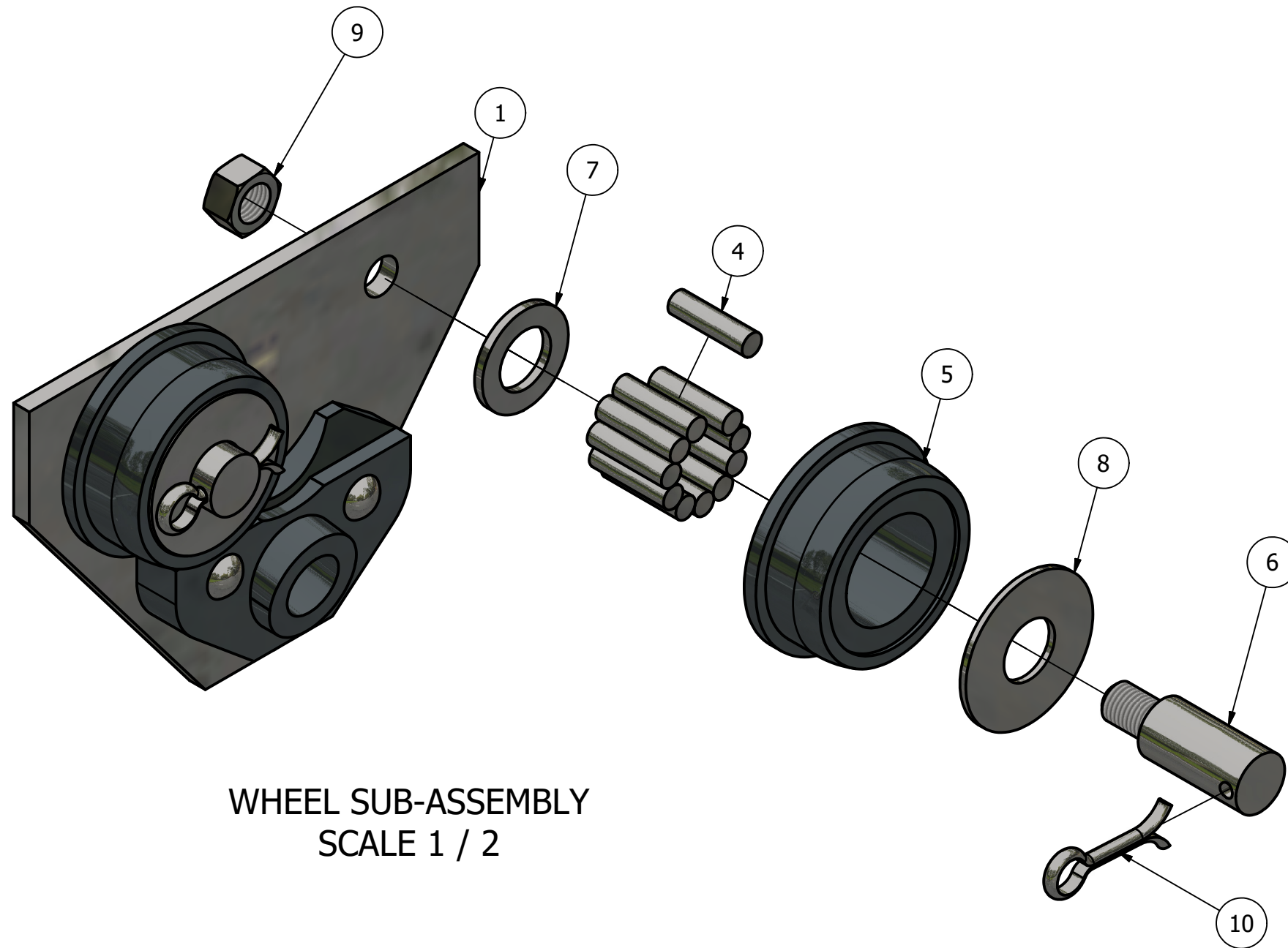
MANAGER: G. STROMMEN

DRAFTER: A. MOSTAFA

DATE: 12/5/2022

SCALE: AS NOTED

PAGE #: 2 OF 6



WHEEL SUB-ASSEMBLY
SCALE 1 / 2

GENERAL NOTES:

TROLLEY TO BE MOUNTED ON AN
S200 X 34 BEAM

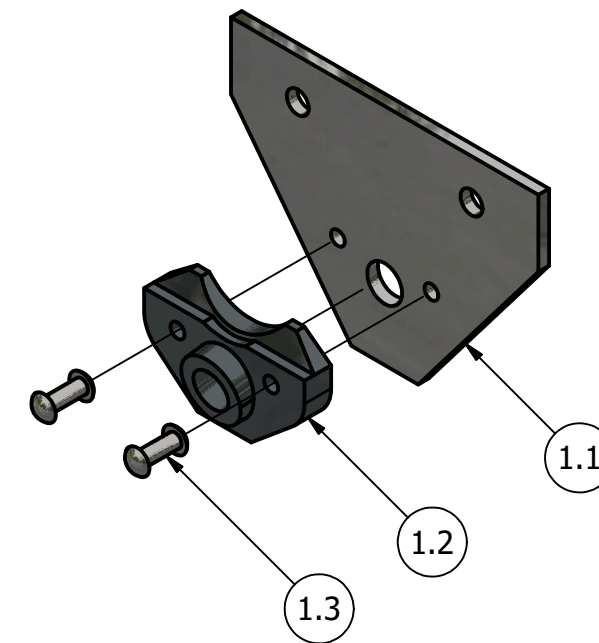
ALL CHAMFER ARE 2 X 2 UNLESS OTHERWISE NOTED

METRIC

LEGEND:

- ∅ DIAMETER
- R RADIUS
- ° DEGREES

PARTS LIST		
ITEM	QTY	PART NUMBER
1.1	2	SIDE PLATE
1.2	2	GUIDE
1.3	4	RIVET
4	44	ROLLER BEARING
5	4	WHEEL
6	4	WHEEL AXLE
7	12	ADJUSTING WASHER
8	4	WASHER
9	4	LOCKNUT
10	6	COTTER PIN

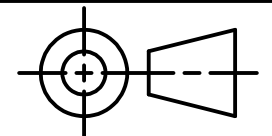


SIDE PLATE SUB-ASSEMBLY
SCALE 1 / 4



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

CLASS: DDGT 120

ASSIGNMENT #: 70

INVENTOR DRAWING NAME:
TROLLEY

FIG #: 14-83

MANAGER: G. STROMMEN

DRAFTER: A. MOSTAFA

DATE: 12/5/2022

SCALE: AS NOTED

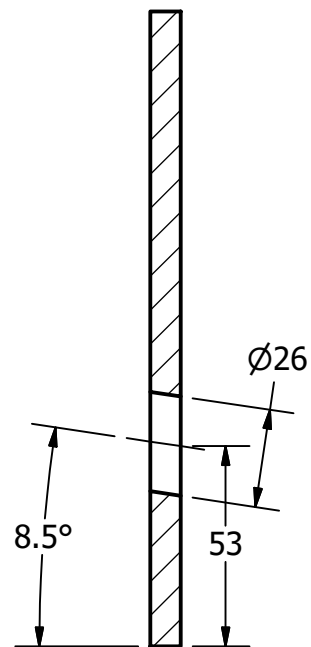
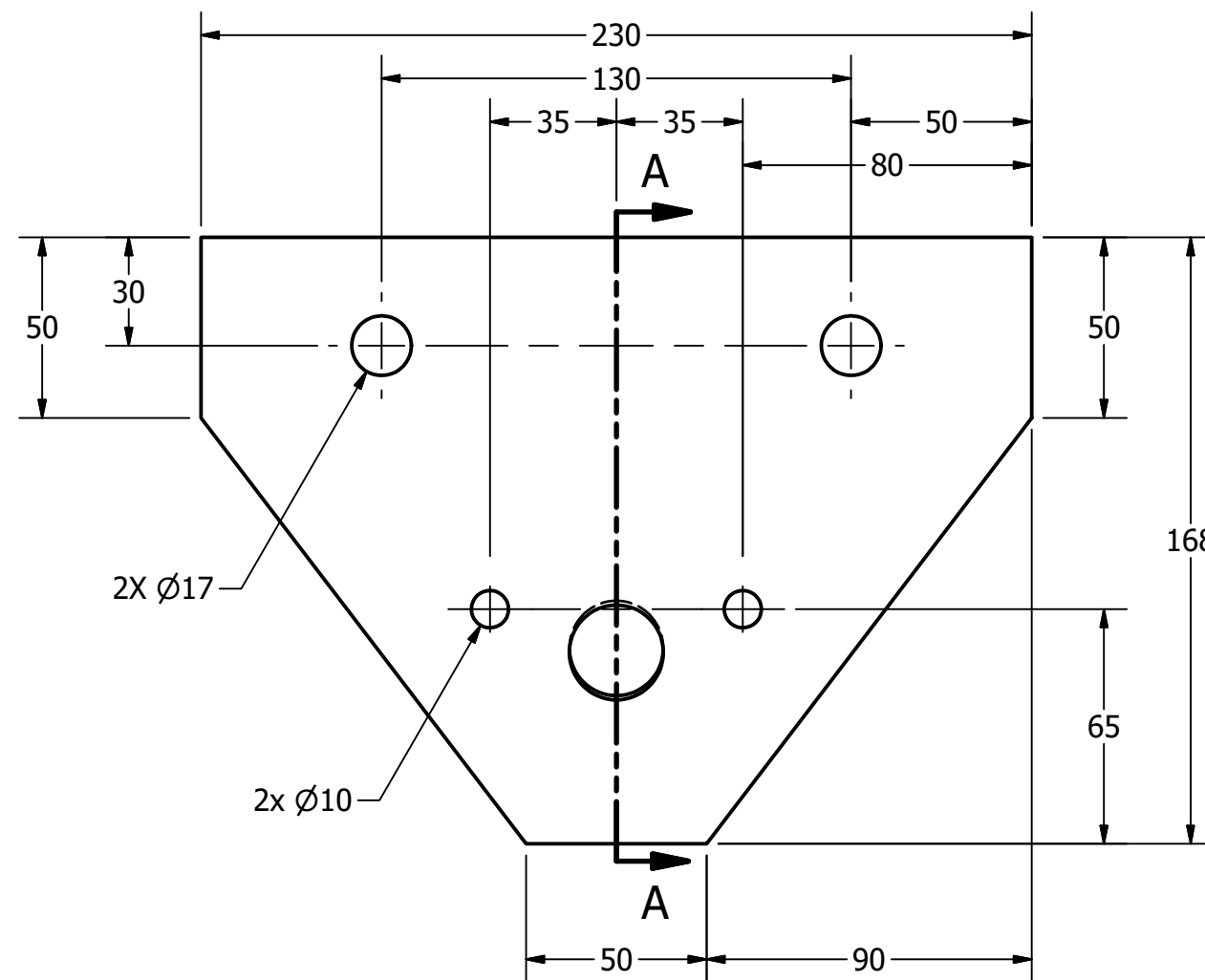
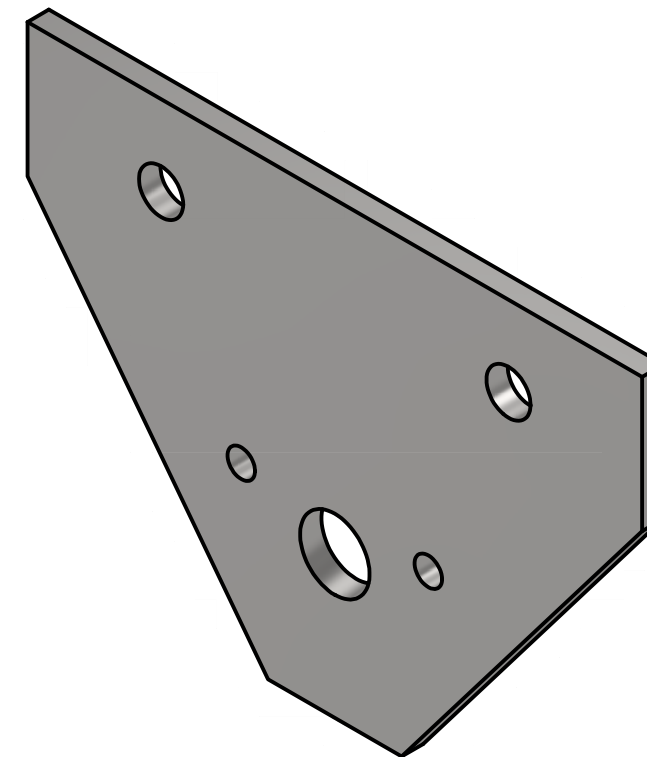
PAGE #: 3 OF 6

PARTS LIST		
ITEM	QTY	PART NUMBER
1.1	2	SIDE PLATE



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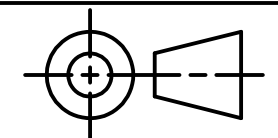
SECTION A-A
SCALE 1 / 2

SIDE PLATE
SCALE 1 / 2

METRIC

LEGEND:

- Ø DIAMETER
- R RADIUS
- ° DEGREES



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SURFACES 32

CLASS: DDGT 120

ASSIGNMENT #: 70

INVENTOR DRAWING NAME:
TROLLEY

FIG #: 14-83

MANAGER: G. STROMMEN

DRAFTER: A. MOSTAFA

DATE: 12/5/2022

SCALE: AS NOTED

PAGE #: 4 OF 6

GENERAL NOTES:

TROLLEY TO BE MOUNTED ON AN
S200 X 34 BEAM

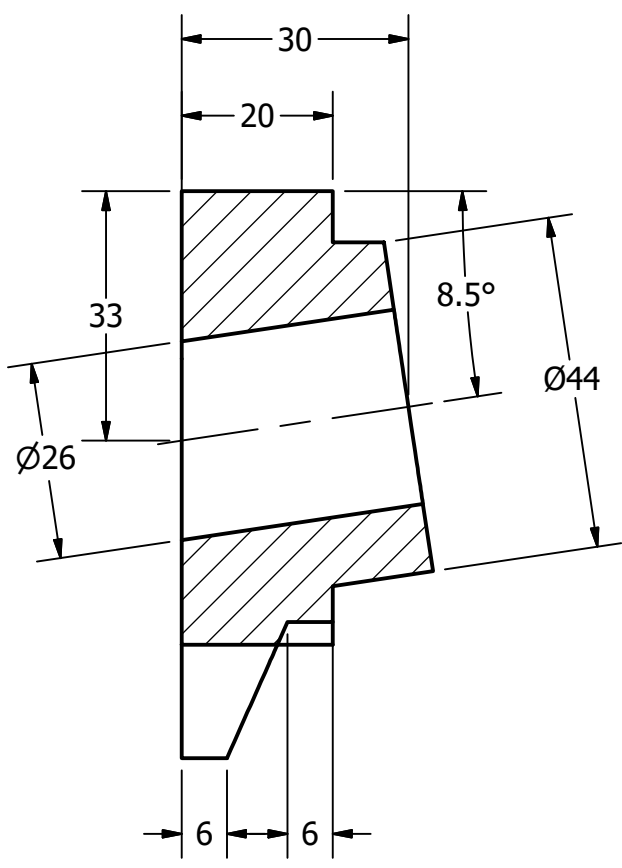
ALL CHAMFER ARE 2 X 2 UNLESS OTHERWISE NOTED

PARTS LIST		
ITEM	QTY	PART NUMBER
1.2	2	GUIDE
2	1	AXLE

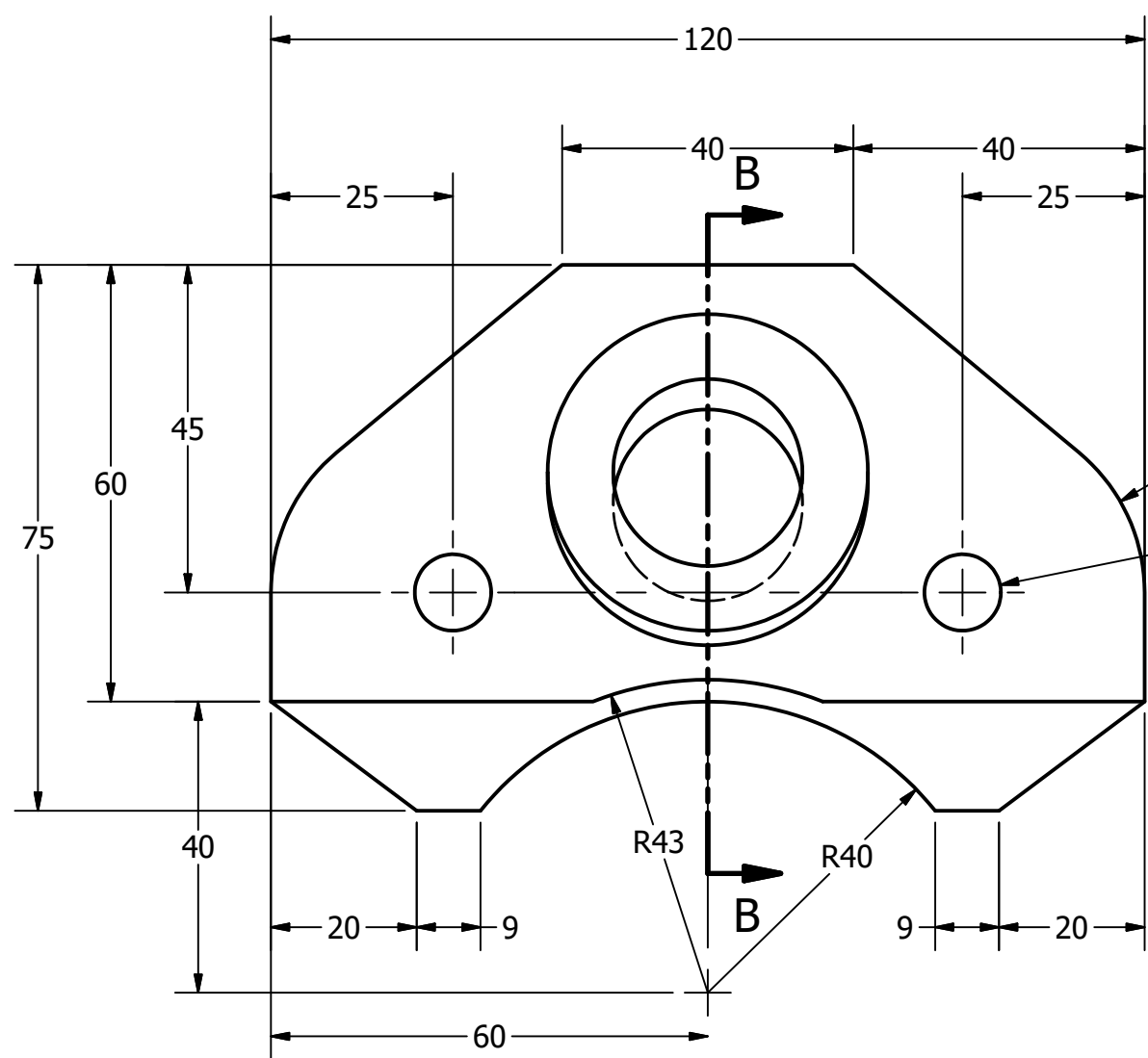


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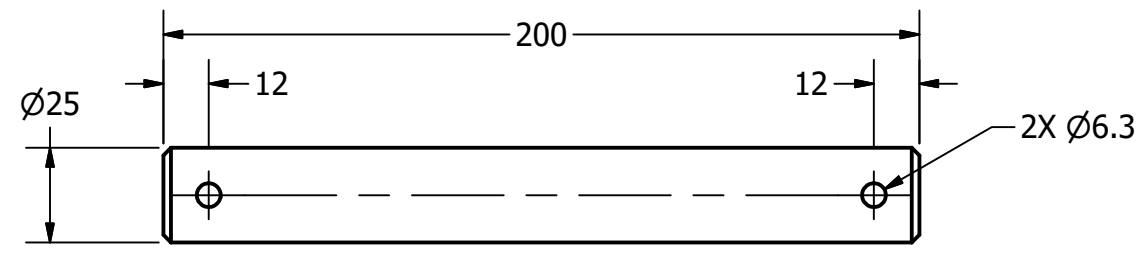
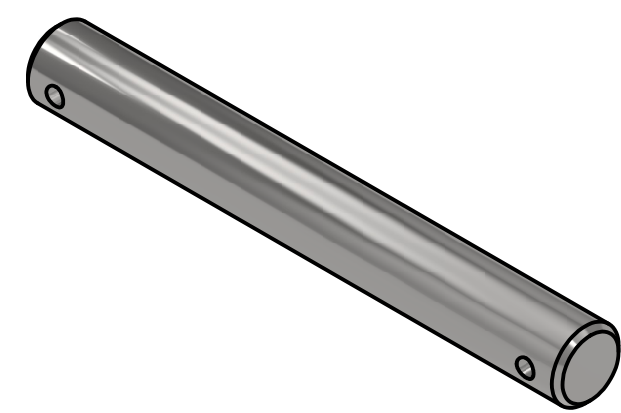
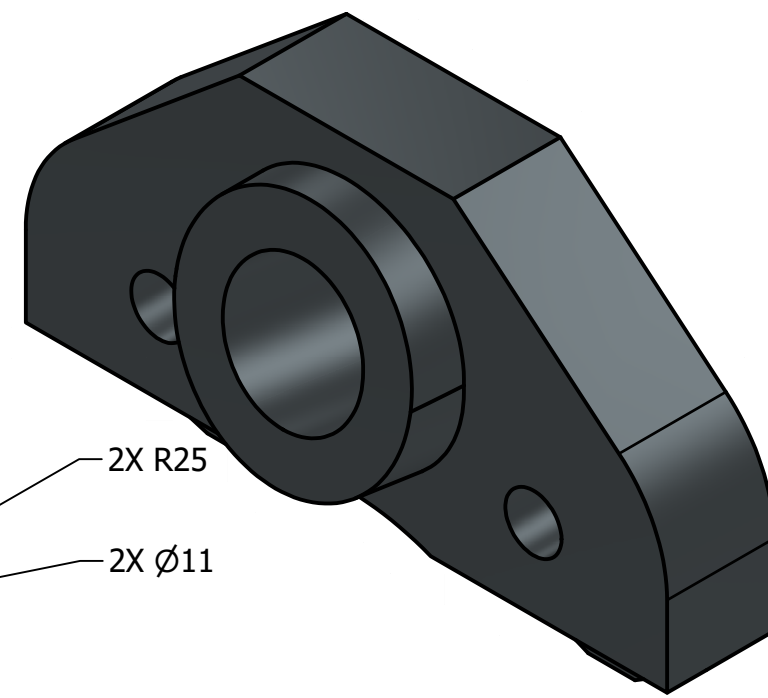
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SECTION B-B
SCALE 1 : 1



GUIDE
SCALE 1 : 1



AXLE
SCALE 1 / 2

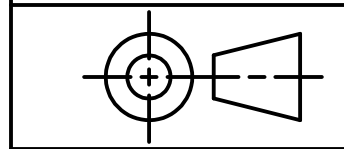
GENERAL NOTES:

TROLLEY TO BE MOUNTED ON AN S200 X 34 BEAM

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LEGEND:

- Ø DIAMETER
- R RADIUS
- DEGREES



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CLASS: DDGT 120

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INVENTOR DRAWING NAME:

TROLLEY

FIG #: 14-83

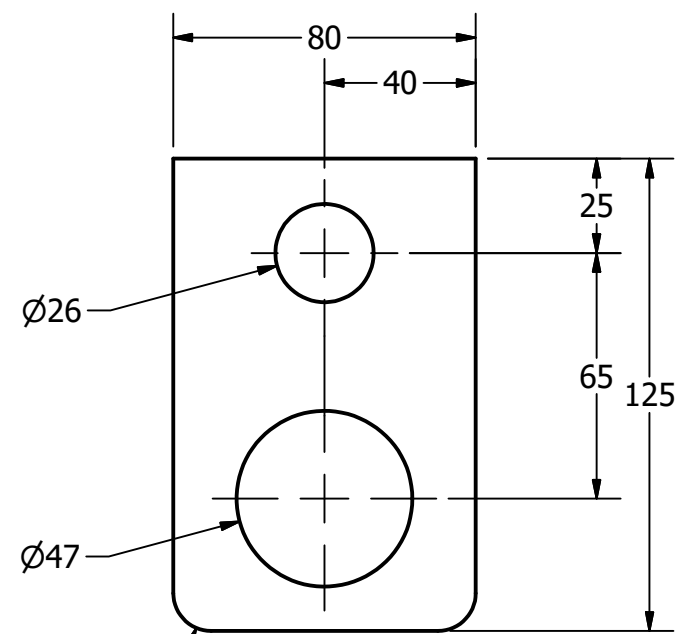
MANAGER: G. STROMMEN

DRAFTER: A. MOSTAFA

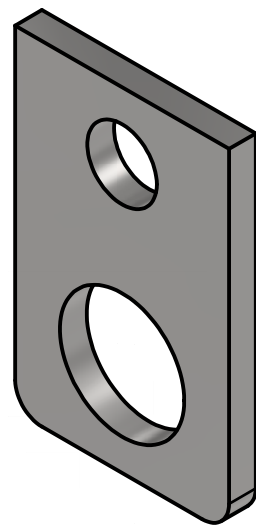
DATE: 12/5/2022

SCALE: AS NOTED

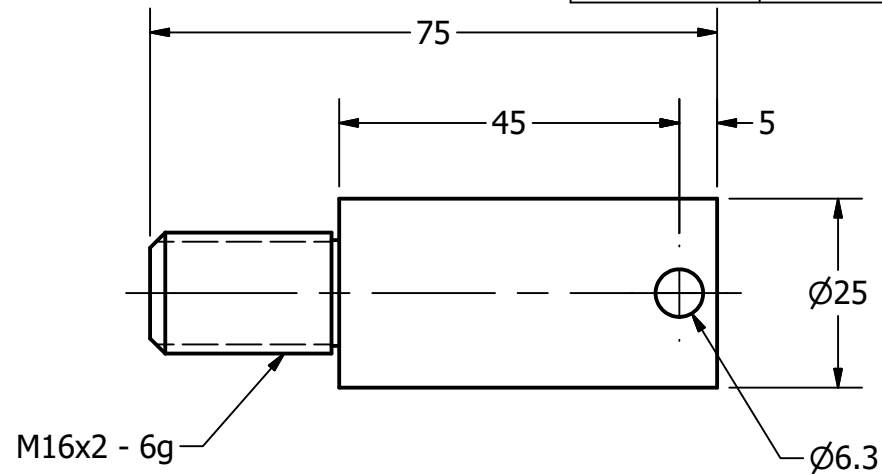
PAGE #: 5 OF 6



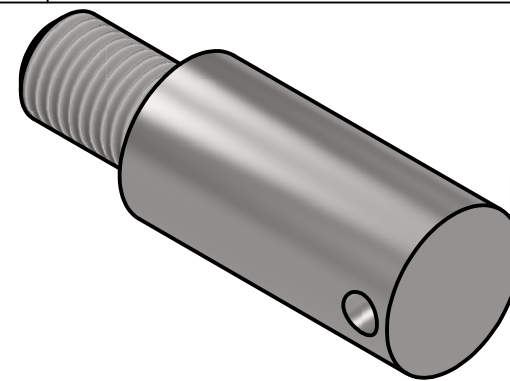
HOOK
SCALE 1 / 2



METRIC



WHEEL AXLE
SCALE 1 : 1

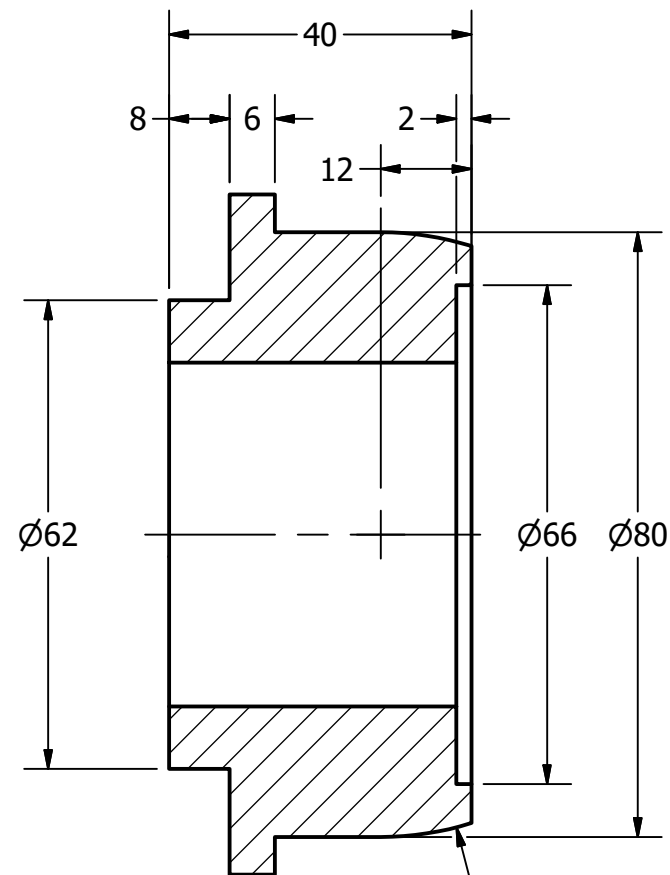


PARTS LIST		
ITEM	QTY	PART NUMBER
3	1	HOOK
5	4	WHEEL
6	4	WHEEL AXLE

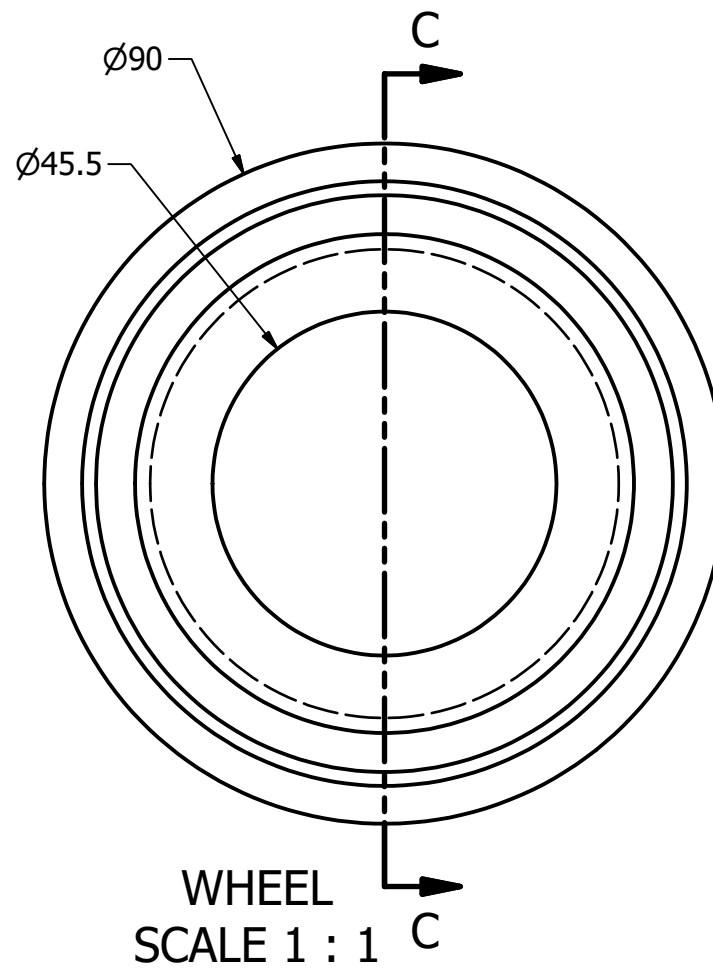


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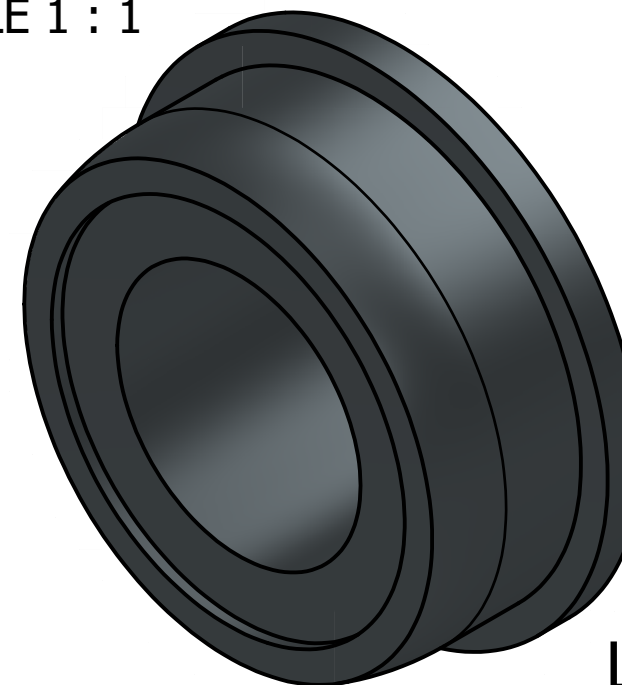
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SECTION C-C
SCALE 1 : 1



WHEEL
SCALE 1 : 1



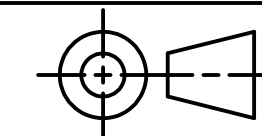
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FIG #: 14-83

MANAGER: G. STROMMEN

DRAFTER: A. MOSTAFA

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SCALE: AS NOTED

PAGE #: 6 OF 6