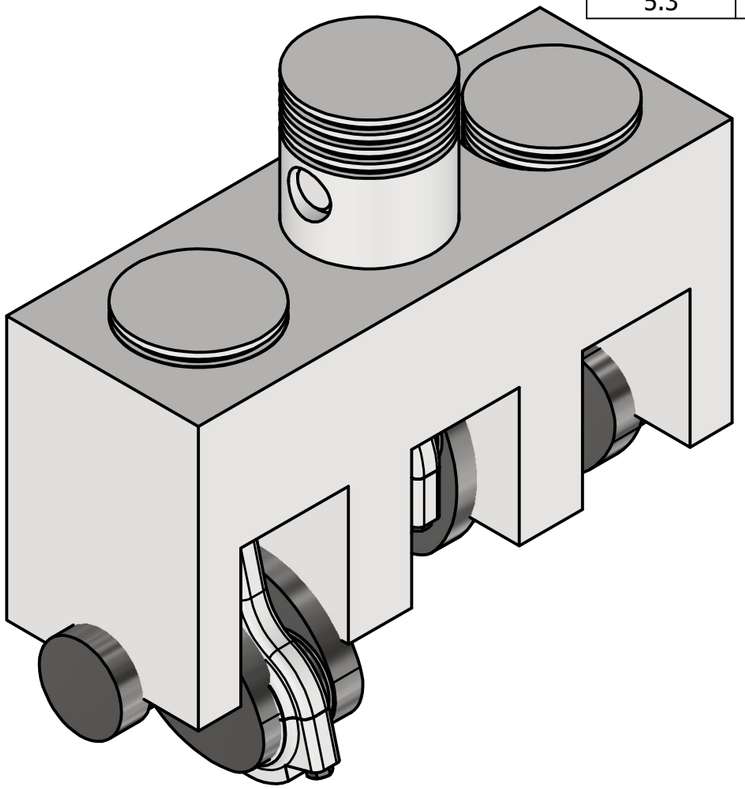
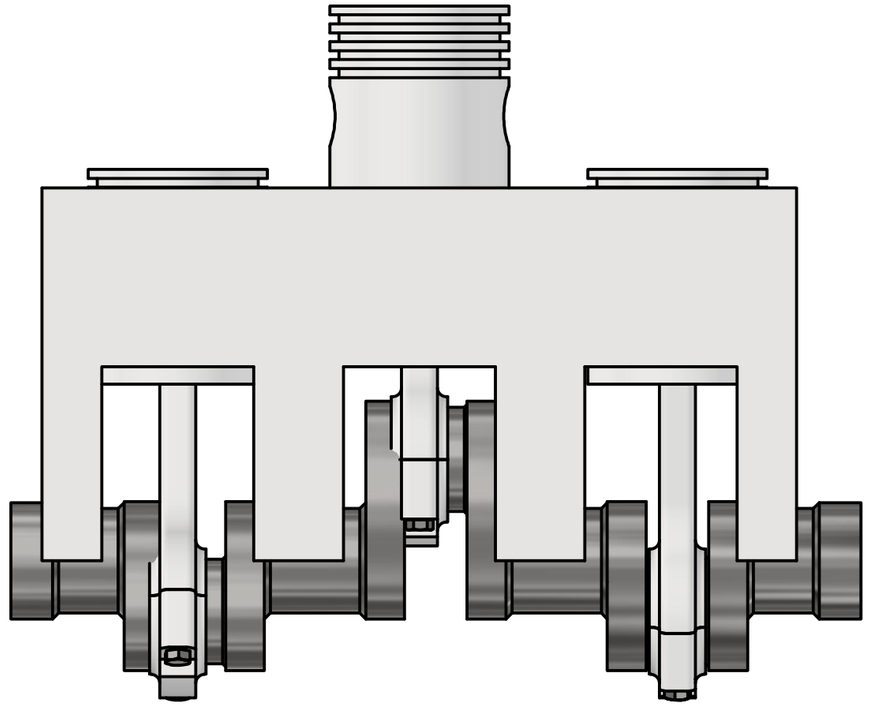
METRIC

PARTS LIST

ITEM	QTY	PART NUMBER	MATERIAL	DESCRIPTION
1	1	ENGINE BLOCK	ALUMINUM	
2	1	CRANK SHAFT	STEEL	
3	3	PISTON	STEEL	
4	3	PISTON PIN	STEEL	
5	1	CONNECTING ROD SUBASSEMBLY		
5.1	3	CONNECTING ROD BOTTOM	STEEL	
5.2	3	CONNECTING ROD TOP	STEEL	
5.3	6	HEXAGON HEAD SCREW	STEEL, MILD	BS 3692 - M5 x 28





ENGINE MODEL
SCALE 1 / 2

GENERAL NOTES:

ALL CHAMFERS ARE 2 X 45° UNLESS OTHERWISE STATED

LEGEND:

Ø DIAMETER
R RADIUS
° DEGREES
↧ DEPTH

DDGT

DIGITAL DESIGN
GRAPHICS
TECHNOLOGY

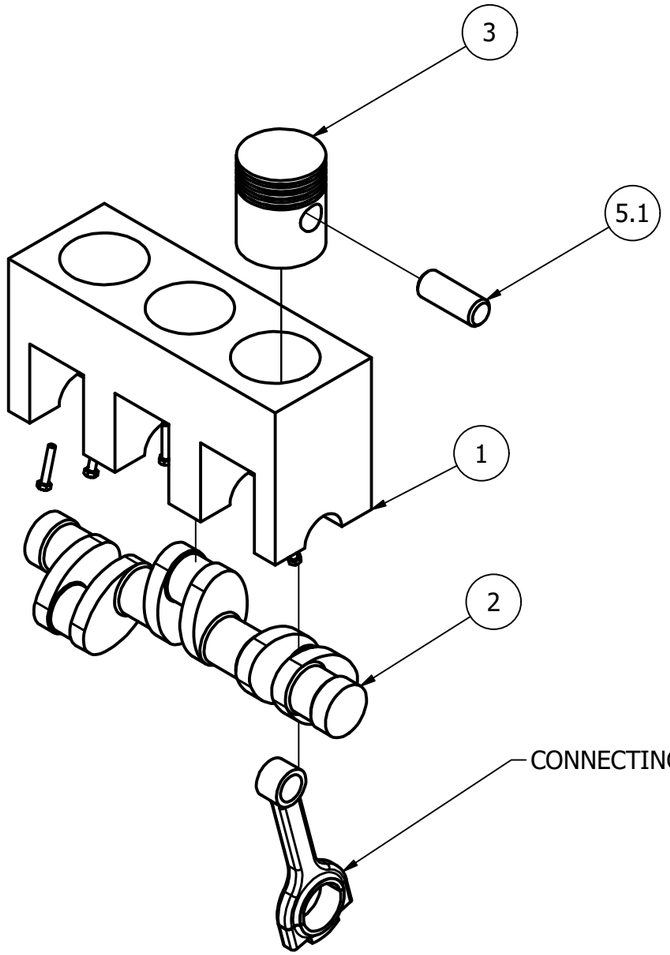
WWW.DDGT.NET

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

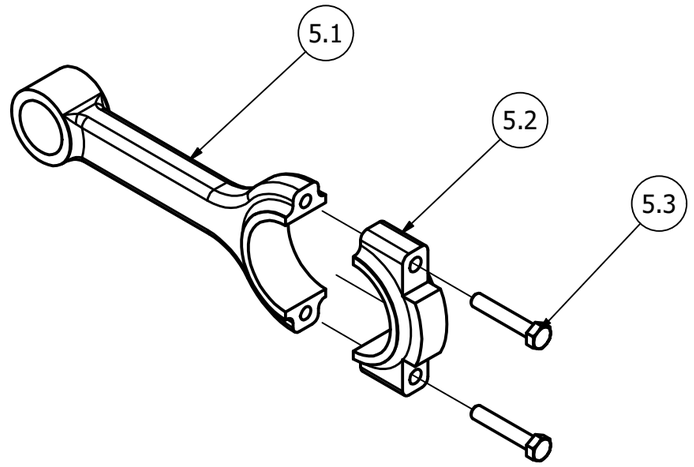
CLASS:	DDGT 240
ASSIGNMENT #:	64
INVENTOR DRAWING NAME:	ENGINE MODEL
FIG #:	20.69
MANAGER:	G. STROMMEN
DRAFTER:	K. MILLER
DATE:	12/1/2025
SCALE:	AS NOTED
PAGE #:	1 OF 5

METRIC

PARTS LIST		
ITEM	QTY	PART NUMBER
1	1	ENGINE BLOCK
2	1	CRANK SHAFT
3	3	PISTON
4	3	PISTON PIN
5	1	CONNECTING ROD SUBASSEMBLY
5.1	3	CONNECTING ROD BOTTOM
5.2	3	CONNECTING ROD TOP
5.3	6	HEXAGON HEAD SCREW



ENGINE ASSEMBLY
SCALE 1 / 4



CONNECTING ROD SUBASSEMBLY
SCALE 1 / 2

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CLASS:	DDGT 240
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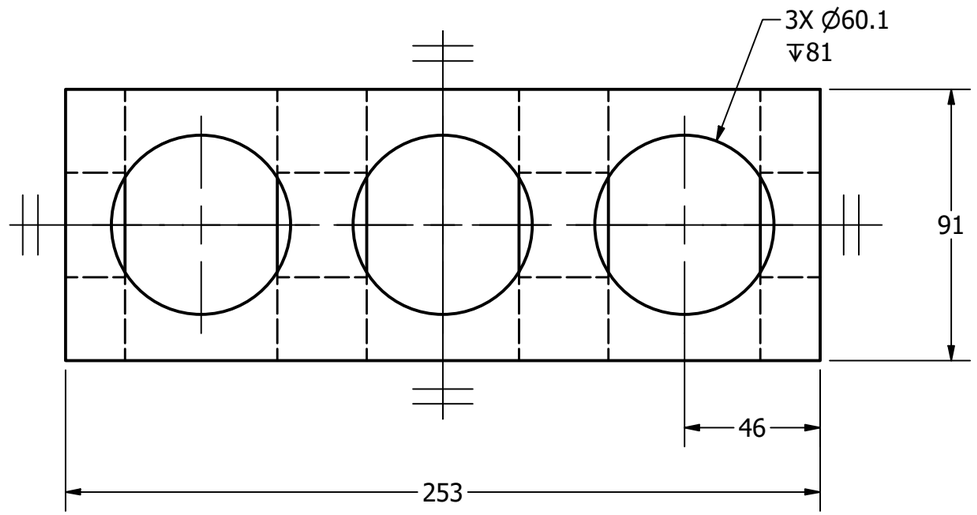
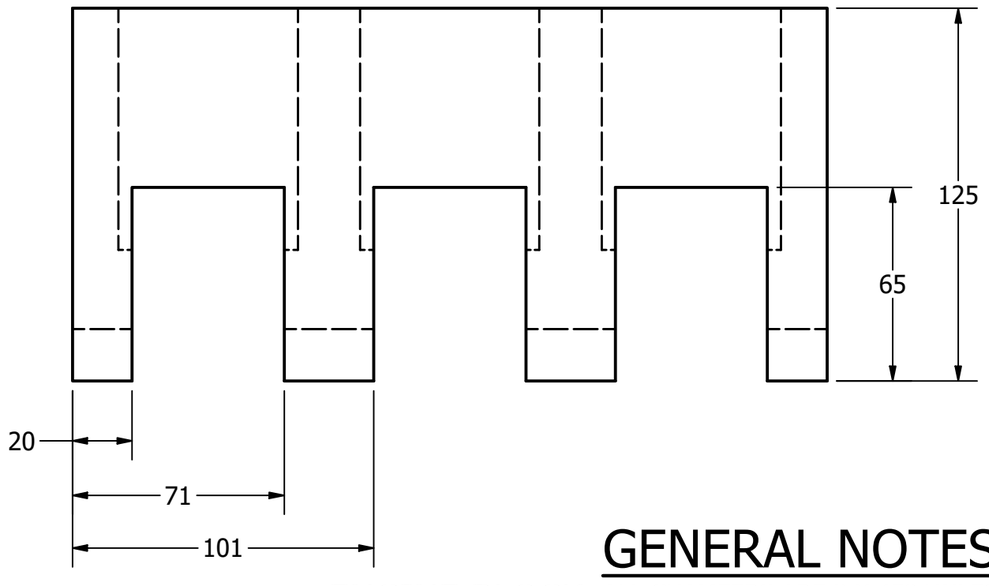
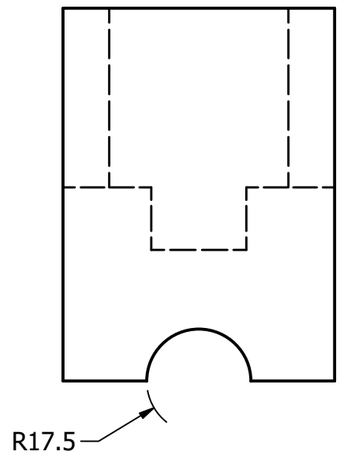
INVENTOR DRAWING NAME:	ENGINE MODEL
FIG #:	20.69
MANAGER:	G. STROMMEN
DRAFTER:	K. MILLER
DATE:	12/1/2025
SCALE:	AS NOTED
PAGE #:	2 OF 5

METRIC

PARTS LIST		
ITEM	QTY	PART NUMBER
1	1	ENGINE BLOCK







ENGINE BLOCK
SCALE 1 / 2

GENERAL NOTES:

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°	DEGREES
↧	DEPTH

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FIG #:	20.69
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DATE:	12/1/2025
SCALE:	AS NOTED
PAGE #:	3 OF 5

PARTS LIST		
ITEM	QTY	PART NUMBER
2	1	CRANK SHAFT
3	3	PISTON

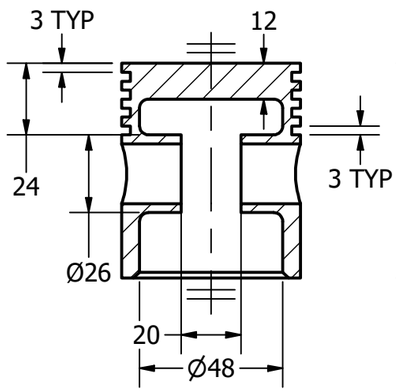
GENERAL NOTES:

ALL CHAMFERS ARE 2 X 45° UNLESS OTHERWISE STATED

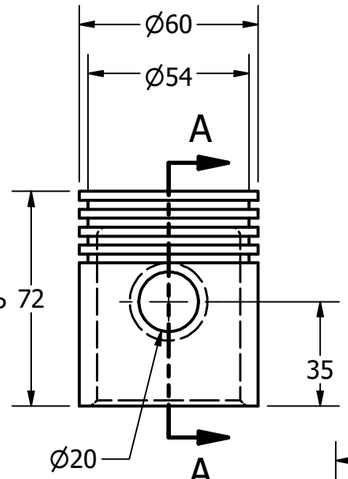
METRIC

LEGEND:

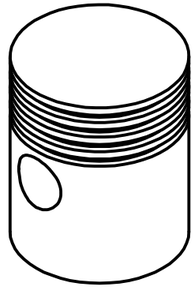
Ø DIAMETER
R RADIUS
° DEGREES
↧ DEPTH

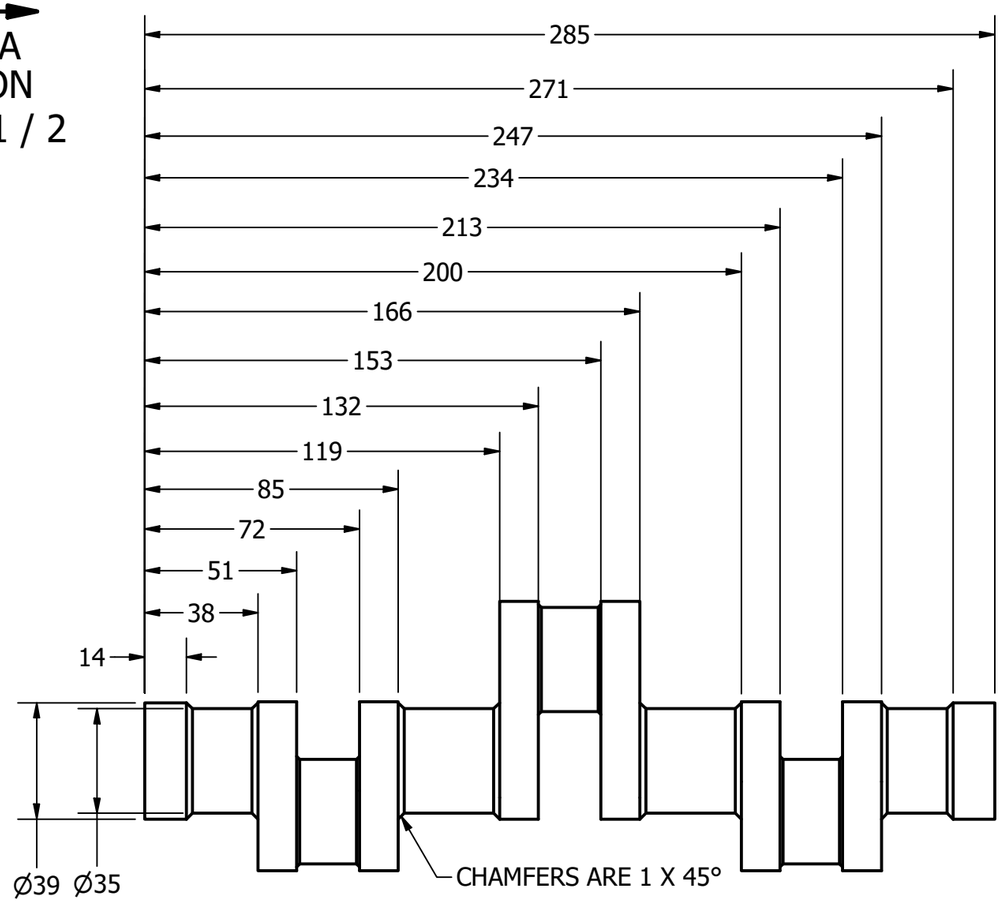


SECTION A-A
SCALE 1 / 2

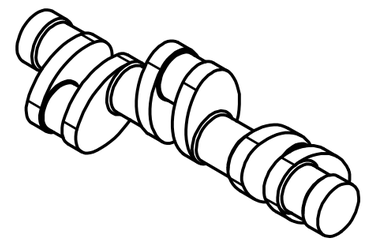


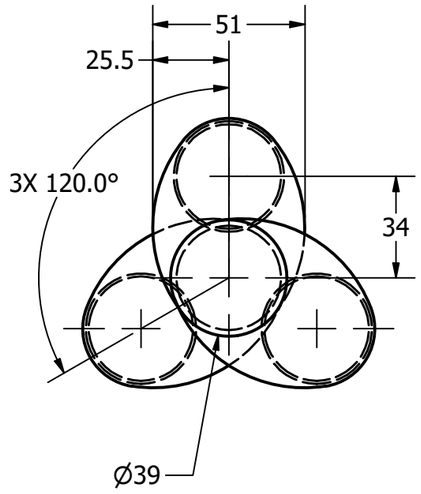
PISTON
SCALE 1 / 2





CRANKSHAFT
SCALE 1 / 2





DIGITAL DESIGN
GRAPHICS
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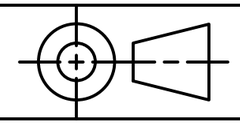

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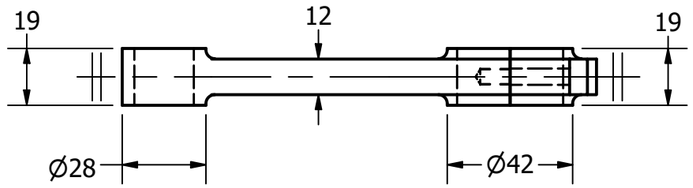
METRIC

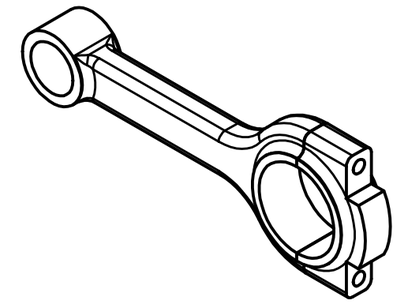
PARTS LIST		
ITEM	QTY	PART NUMBER
4	3	PISTON PIN
5	1	CONNECTING ROD SUBASSEMBLY
5.1	3	CONNECTING ROD BOTTOM
5.2	3	CONNECTING ROD TOP

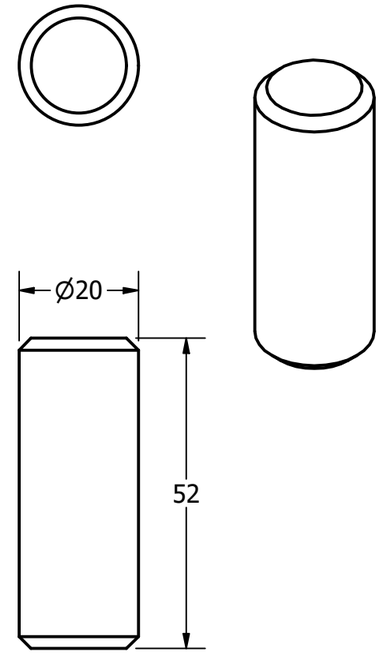
DDGT

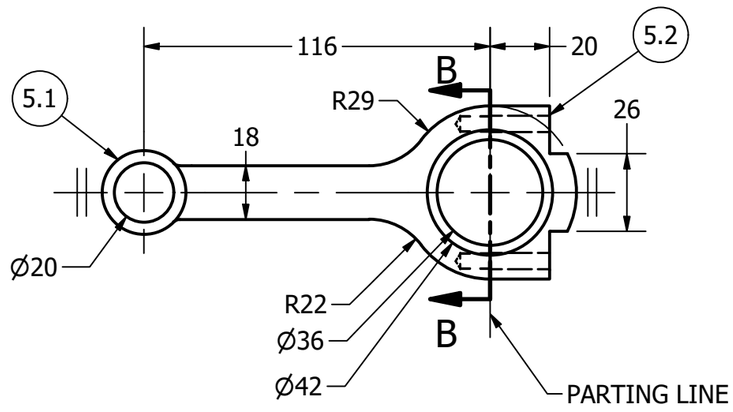
DIGITAL DESIGN GRAPHICS TECHNOLOGY

WWW.DDGT.NET

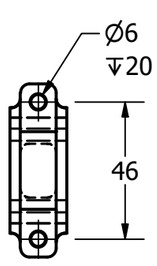


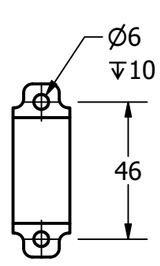






CONNECTING ROD SUBASSEMBLY
SCALE 1 / 2





SECTION B-B
SCALE 1 / 2

PISTON PIN
SCALE 1 : 1

GENERAL NOTES:

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