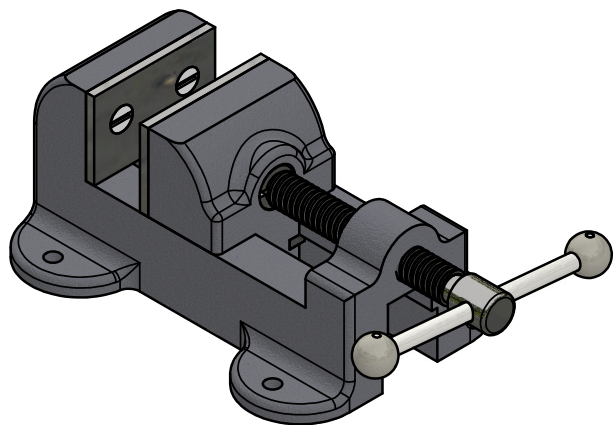


PARTS LIST				
ITEM	QTY	PART NUMBER	MATERIAL	DESCRIPTION
1	1	BASE	CI -I REQ D	
2	1	SLIDING JAW	CI -I REQ D	
3	2	JAW PLATE	SAE #1020 - 2 REQ D	
4	1	WISE SCREW	SAE #3140 - I REQ D	
5	1	COLLAR	SAE #1020 - 2 REQ D	
6	1	SPECIAL KEY	SAE #1020 - 2 REQ D	
7	1	HANDLE ROD	C R S I REQD	
8	2	HANDLE BALL	SAE #1020 - 2 REQ D	
9	2	SLIDE KEY	SAE #1020 - 2 REQ D	
10	2	SET SCREW	SAE #1016 - 2 REQ D	
11	4	98286A844_Nylon Slotted Flat Head Screws	Nylon	1/4 FL HD MACH SCR
12	2	TAPER PIN	Generic	

DDGT

DIGITAL DESIGN
GRAPHIC
TECHNOLOGY

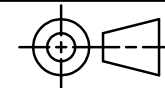
WWW.DDGT.NET



MACHINE VISE ASSEMBLY
SCALE 1 / 2

GENERAL NOTES:

FILLETS AND ROUNDS R.125 UNLESS OTHERWISE NOTED



TOLERANCE UNLESS SPECIFIED:

DECIMAL INCHES:
X = $\pm .020$
XX = $\pm .010$
XXX = $\pm .005$
FRACTIONAL $\pm 1/64"$
ANGLES ± 1 DEGREE

SURFACES $\sqrt{32}$

CLASS: DDGT240

ASSIGNMENT #: 38

INVENTOR DRAWING NAME:
MACHINE VISE

FIG #: 14-71

MANAGER: G. STROMMEN

DRAFTER: GSILVA

DATE: 10/1/2023

SCALE: AS NOTED

PAGE #: 1 OF 9

LEGEND:

Ø DIAMETER

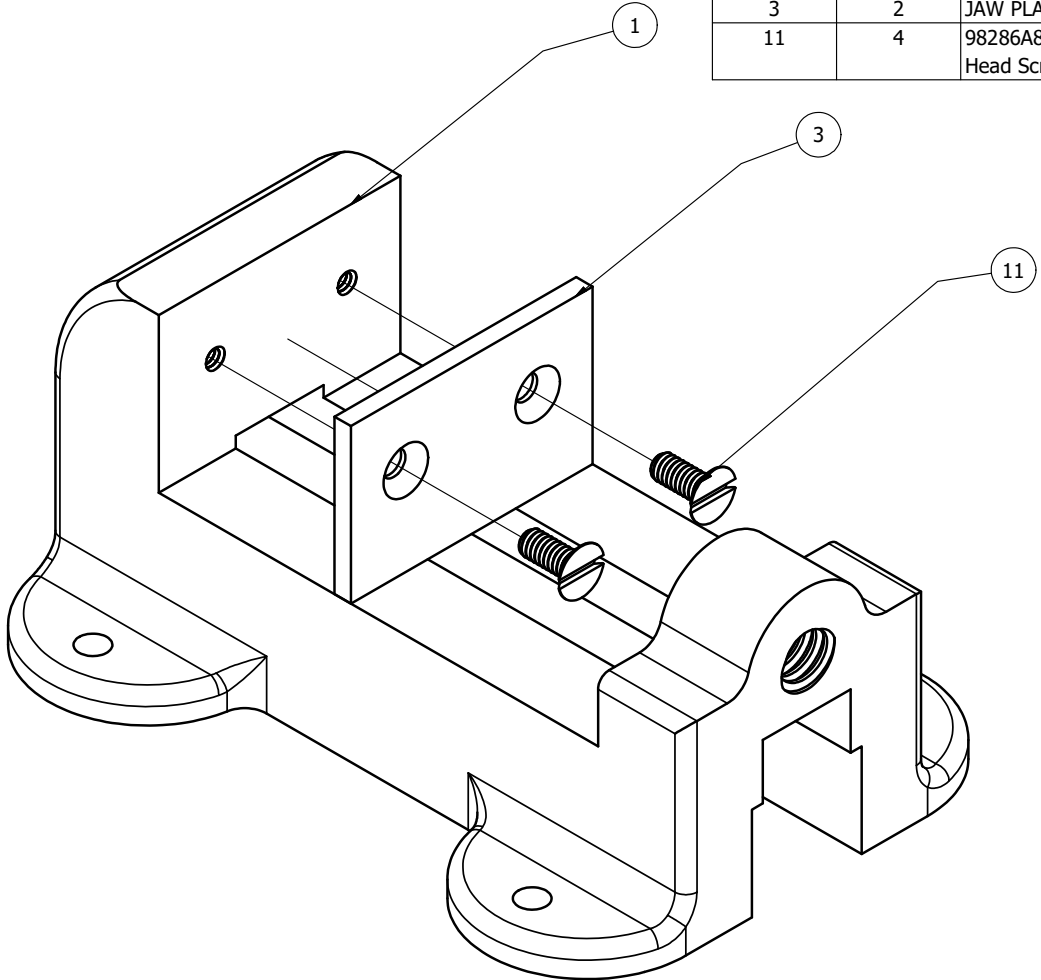
R RADIUS

┌ COUNTERBORE/

SPOTFACE

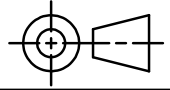
↓ DEPTH

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	BASE	
3	2	JAW PLATE	
11	4	98286A844_Nylon Slotted Flat Head Screws	1/4 FL HD MACH SCR



DIGITAL DESIGN
GRAPHIC
TECHNOLOGY

WWW.DDGT.NET



TOLERANCE UNLESS SPECIFIED:
DECIMAL INCHES:
X = ±.020
XX = ±.010
XXX = ±.005
FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES ³² ✓

CLASS: DDGT240

ASSIGNMENT #: 38

INVENTOR DRAWING NAME:
MACHINE VISE

FIG #: 14-71

MANAGER: G. STROMMEN

DRAFTER: GSILVA

DATE: 10/1/2023

SCALE: AS NOTED

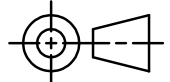
PAGE #: 2 OF 9

PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
2	1	SLIDING JAW	
3	2	JAW PLATE	
11	4	98286A844_Nylon Slotted Flat Head Screws	1/4 FL HD MACH SCR



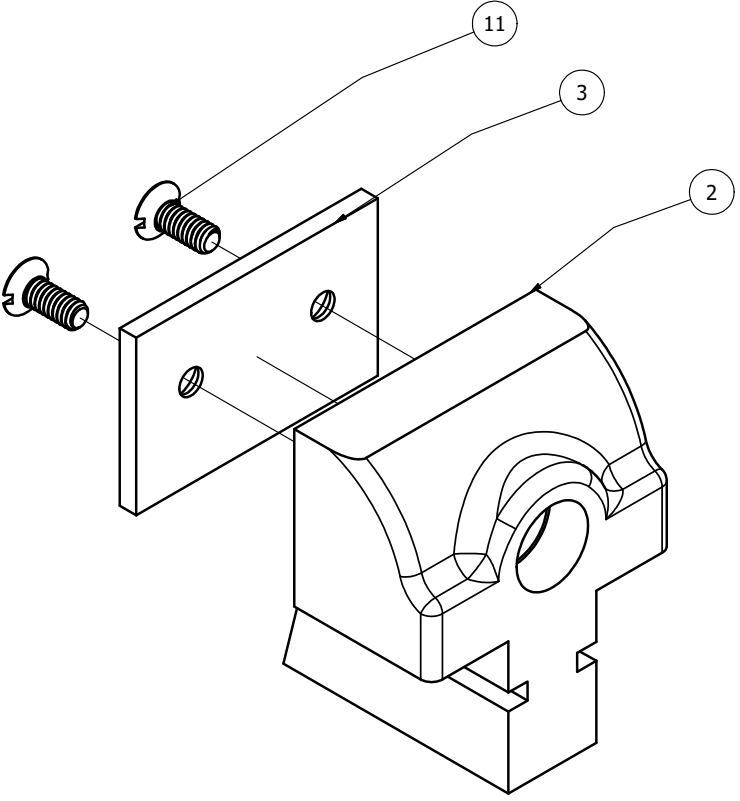
DIGITAL DESIGN
GRAPHIC
TECHNOLOGY

WWW.DDGT.NET

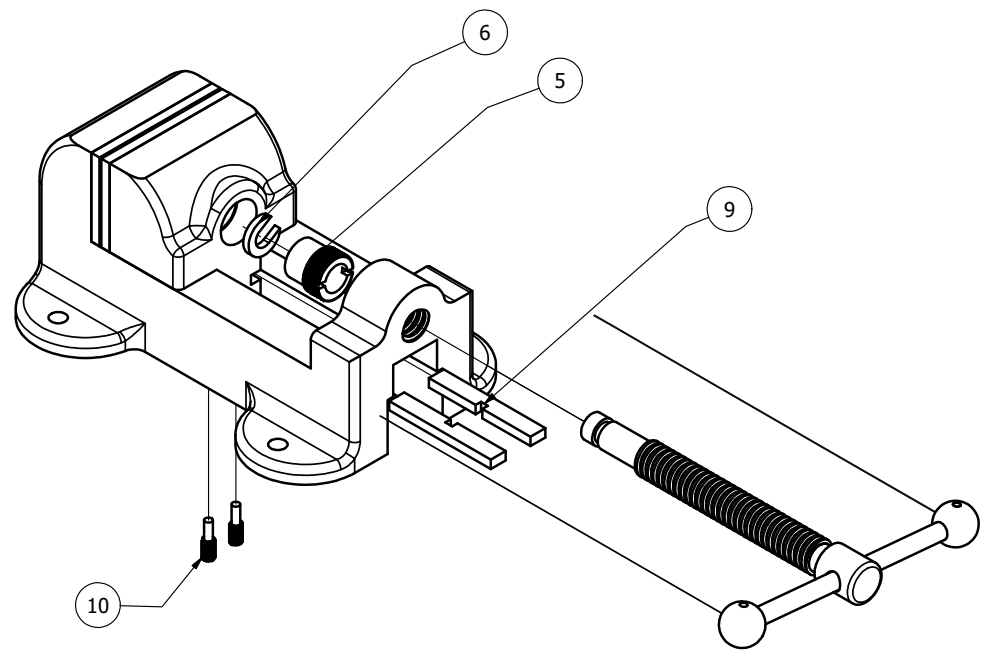


TOLERANCE UNLESS SPECIFIED:
 DECIMAL INCHES:
 X = ±.020
 XX = ±.010
 XXX = ±.005
 FRACTIONAL ±1/64"
 ANGLES ±1 DEGREE
 SURFACES ³² ✓

CLASS:	DDGT240
ASSIGNMENT #:	38
INVENTOR DRAWING NAME:	MACHINE VISE
FIG #:	14-71
MANAGER:	G. STROMMEN
DRAFTER:	GSILVA
DATE:	10/1/2023
SCALE:	AS NOTED
PAGE #:	3 OF 9

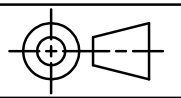


PARTS LIST		
ITEM	QTY	PART NUMBER
5	1	COLLAR
6	1	SPECIAL KEY
9	2	SLIDE KEY
10	2	SET SCREW



DIGITAL DESIGN
GRAPHIC
TECHNOLOGY

WWW.DDGT.NET



TOLERANCE UNLESS SPECIFIED:
DECIMAL INCHES:
X = ±.020
XX = ±.010
XXX = ±.005
FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES $\sqrt{32}$

CLASS: DDGT240

ASSIGNMENT #: 38

INVENTOR DRAWING NAME:
MACHINE VISE

FIG #: 14-71

MANAGER: G. STROMMEN

DRAFTER: GSILVA

DATE: 10/1/2023

SCALE: AS NOTED

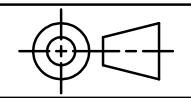
PAGE #: 4 OF 9

PARTS LIST		
ITEM	QTY	PART NUMBER
1	1	BASE



DIGITAL DESIGN
GRAPHIC
TECHNOLOGY

WWW.DDGT.NET



TOLERANCE UNLESS SPECIFIED:
DECIMAL INCHES:
X = ±.020
XX = ±.010
XXX = ±.005
FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES $\sqrt{32}$

CLASS: DDGT240

ASSIGNMENT #: 38

INVENTOR DRAWING NAME:
MACHINE VISE

FIG #: 14-71

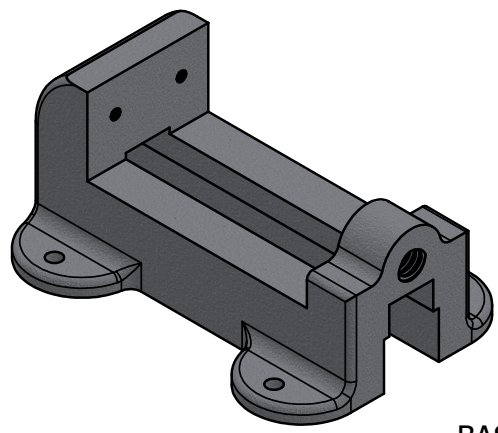
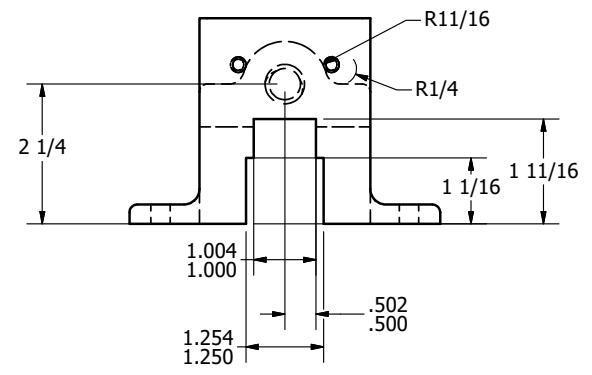
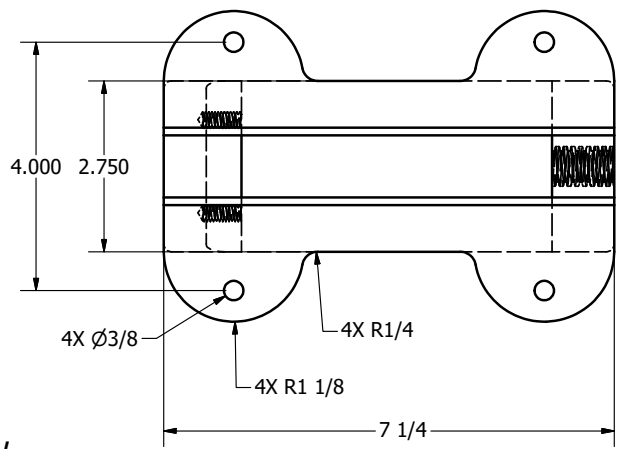
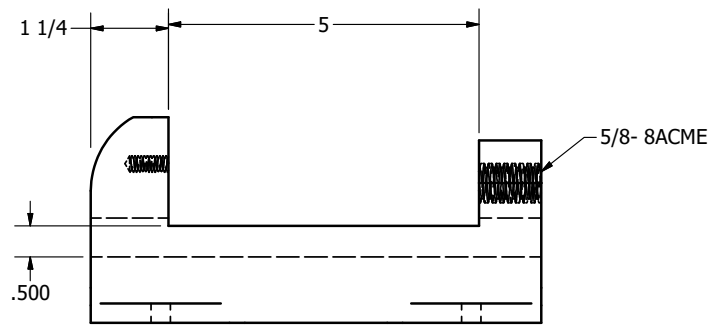
MANAGER: G. STROMMEN

DRAFTER: GSILVA

DATE: 10/1/2023

SCALE: AS NOTED

PAGE #: 6 OF 9



BASE VIEW
SCALE 1 / 2

GENERAL NOTES:

FILLETS AND ROUNDS R.125 UNLESS OTHERWISE NOTED

LEGEND:

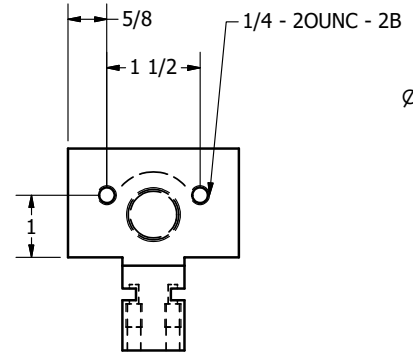
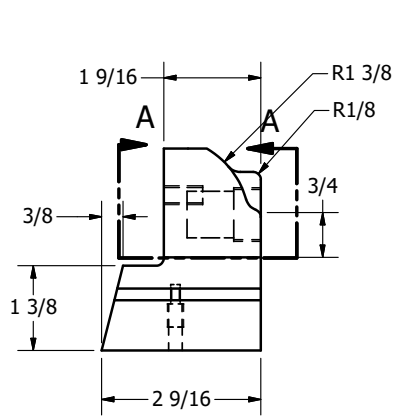
- Ø DIAMETER
- R RADIUS
- ┌ COUNTERBORE/
- ▭ SPOTFACE
- ↓ DEPTH

PARTS LIST		
ITEM	QTY	PART NUMBER
2	1	SLIDING JAW

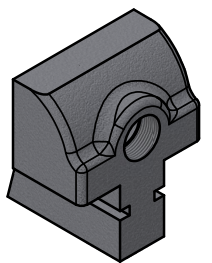
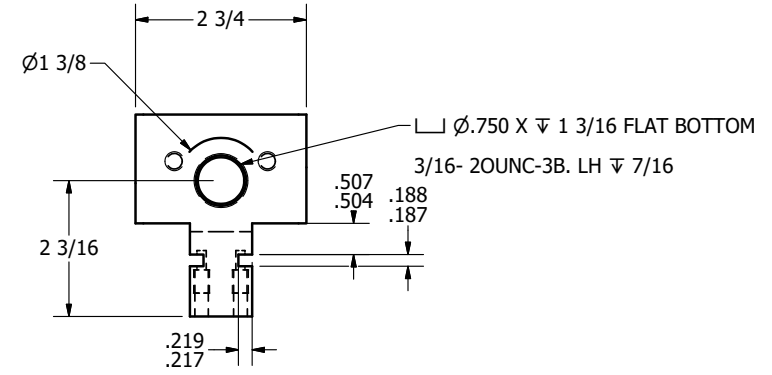


DIGITAL DESIGN
GRAPHIC
TECHNOLOGY

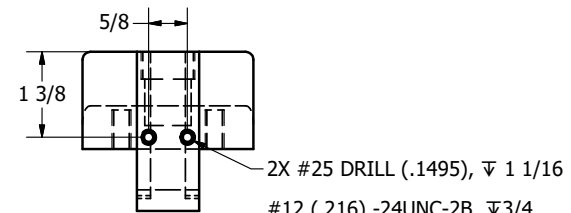
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SECTION A-A
SCALE 1 / 2



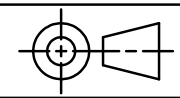
SLIDING JAW
SCALE 1 / 2



┌ ──┐ Ø 7/32, √ 3/8

LEGEND:

- Ø DIAMETER
- R RADIUS
- ┌ ──┐ COUNTERBORE/ SPOTFACE
- ∇ DEPTH

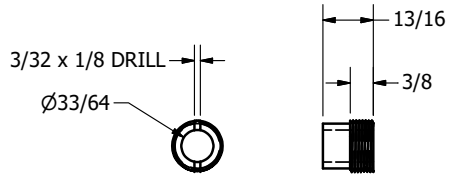


TOLERANCE UNLESS SPECIFIED:
DECIMAL INCHES:
X = ±.020
XX = ±.010
XXX = ±.005
FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES $\sqrt{\quad}$

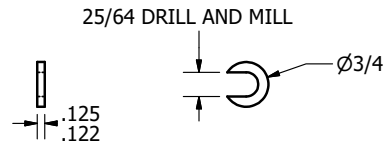
CLASS:	DDGT240
ASSIGNMENT #:	38
INVENTOR DRAWING NAME:	MACHINE VISE
FIG #:	14-71
MANAGER:	G. STROMMEN
DRAFTER:	GSILVA
DATE:	10/1/2023
SCALE:	AS NOTED
PAGE #:	7 OF 9

GENERAL NOTES:

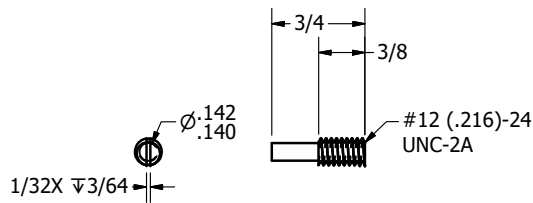
FILLETS AND ROUNDS R.125 UNLESS OTHERWISE NOTED



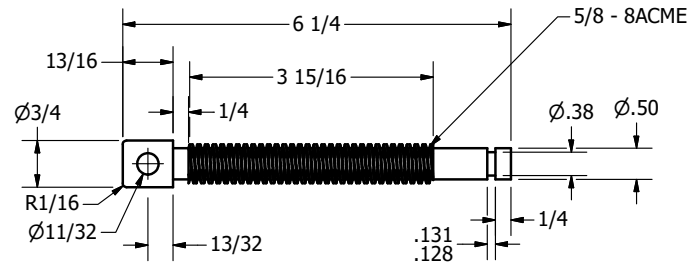
COLLAR
SCALE 1 / 2



SPECIAL KEY
SCALE 1 / 2



SET SCREW
SCALE 1 : 1



WISE SCREW
SCALE 1 / 2



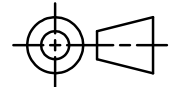
HANDLE BALL
SCALE 1 / 2

PARTS LIST		
ITEM	QTY	PART NUMBER
4	1	WISE SCREW
5	1	COLLAR
6	1	SPECIAL KEY
8	2	HANDLE BALL
10	2	SET SCREW



DIGITAL DESIGN
GRAPHIC
TECHNOLOGY

WWW.DDGT.NET



TOLERANCE UNLESS SPECIFIED:
DECIMAL INCHES:
X = ±.020
XX = ±.010
XXX = ±.005
FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES $\sqrt{32}$

CLASS: DDGT240

ASSIGNMENT #: 38

INVENTOR DRAWING NAME:
MACHINE VISE

FIG #: 14-71

MANAGER: G. STROMMEN

DRAFTER: GSILVA

DATE: 10/1/2023

SCALE: AS NOTED

PAGE #: 8 OF 9

LEGEND:

Ø DIAMETER
R RADIUS

□ COUNTERBORE/

SPOTFACE

↓ DEPTH

GENERAL NOTES:

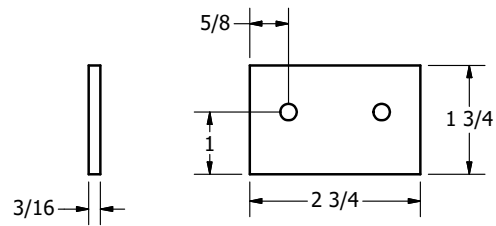
FILLETS AND ROUNDS R.125 UNLESS OTHERWISE NOTED

PARTS LIST		
ITEM	QTY	PART NUMBER
3	2	JAW PLATE
7	1	HANDLE ROD
9	2	SLIDE KEY

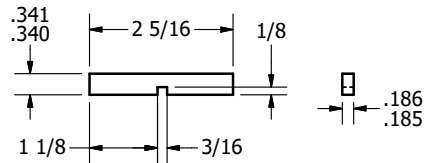


DIGITAL DESIGN
GRAPHIC
TECHNOLOGY

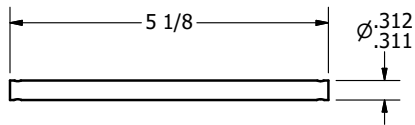
WWW.DDGT.NET



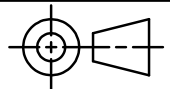
JAW PLATE
SCALE 1 / 2



SLIDE KEY
SCALE 1 / 2



HANDLE ROD
SCALE 1 / 2



TOLERANCE UNLESS SPECIFIED:
DECIMAL INCHES:
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XX = ±.010
XXX = ±.005
FRACTIONAL ±1/64"
ANGLES ±1 DEGREE
SURFACES $\sqrt{32}$

CLASS: DDGT240

ASSIGNMENT #: 38

INVENTOR DRAWING NAME:
MACHINE VISE

FIG #: 14-71

MANAGER: G. STROMMEN

DRAFTER: GSILVA

DATE: 10/1/2023

SCALE: AS NOTED

PAGE #: 9 OF 9

LEGEND:

- Ø DIAMETER
- R RADIUS
- COUNTERBORE/
SPOTFACE
- ↓ DEPTH

GENERAL NOTES:

FILLETS AND ROUNDS R.125 UNLESS OTHERWISE NOTED