

8

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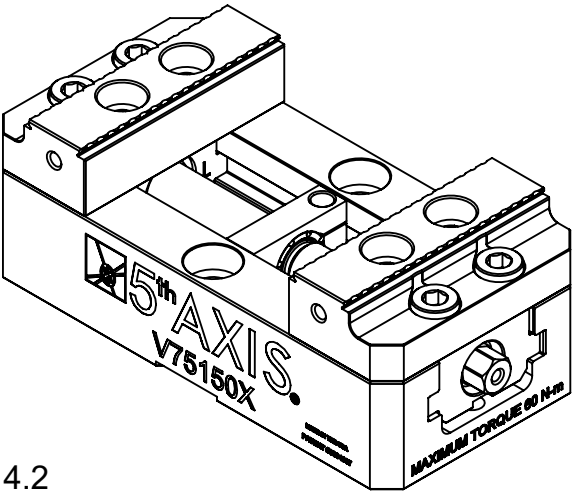
1

D

D

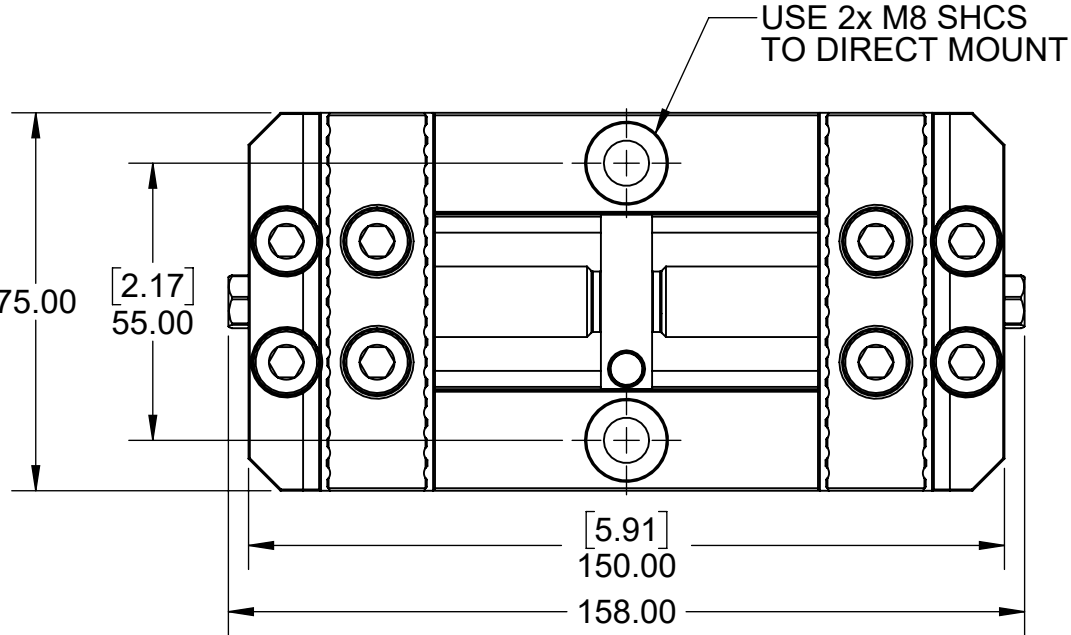
TECHNICAL DATA	V75150X
JAW WIDTH	2.95" (75.00mm)
BASE LENGTH	5.91" (150.00mm)
MAXIMUM TORQUE (JAW BOLT)	35 ft-lb (47.45 Nm)
CLAMPING FORCE	5000 lbf @ 45 ft-lb (22.24kN @ 61.01 Nm)
MAXIMUM TORQUE (LEADSCREW)	45 ft-lb (61.01 Nm)
MAXIMUM TORQUE (MOUNTING BOLT)	35 ft-lb (47.45 Nm)
SELF-CENTERING ACCURACY	± 0.0005" (± 12.7µm)

V75150X

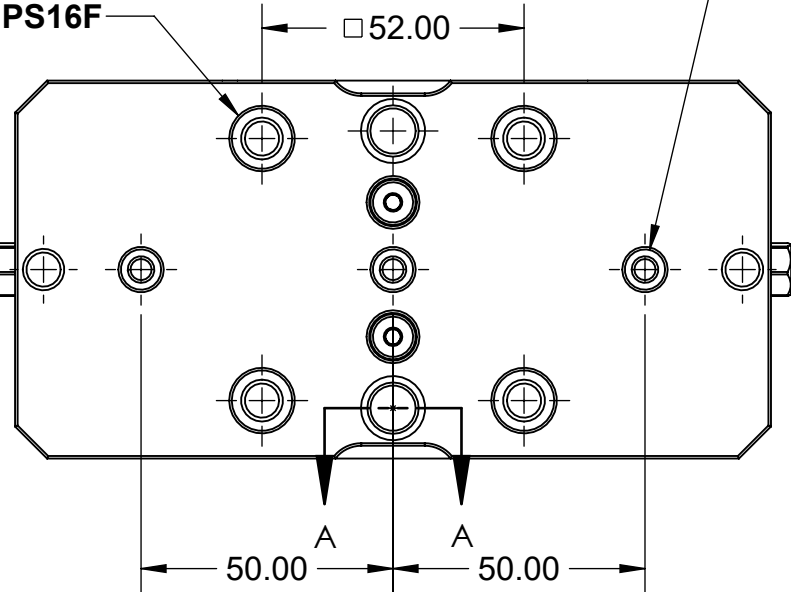


C

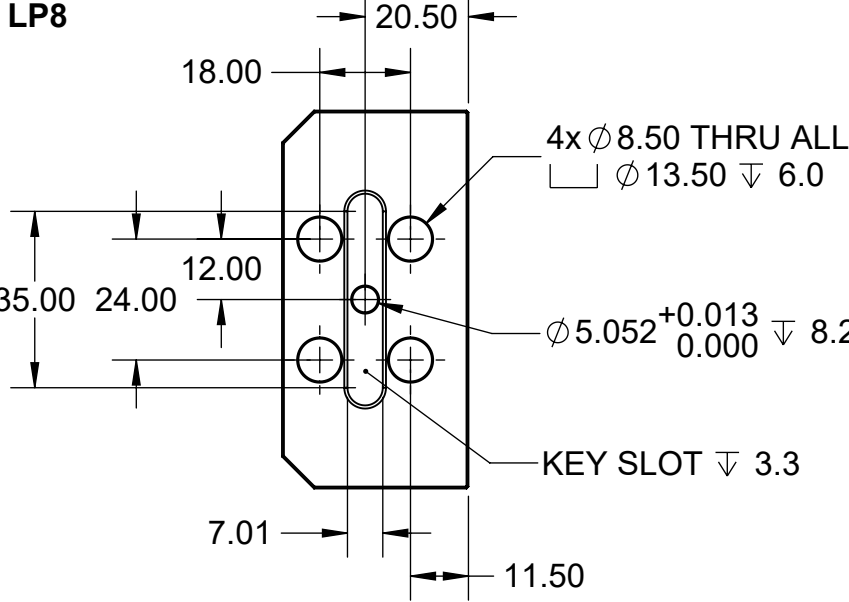
C



4x FITS PS16F



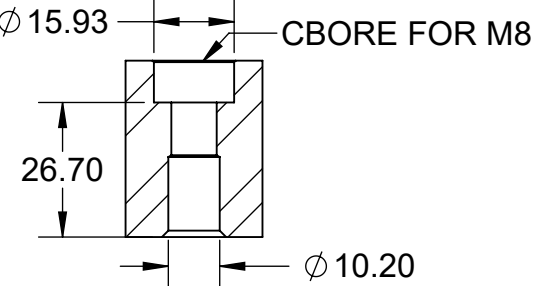
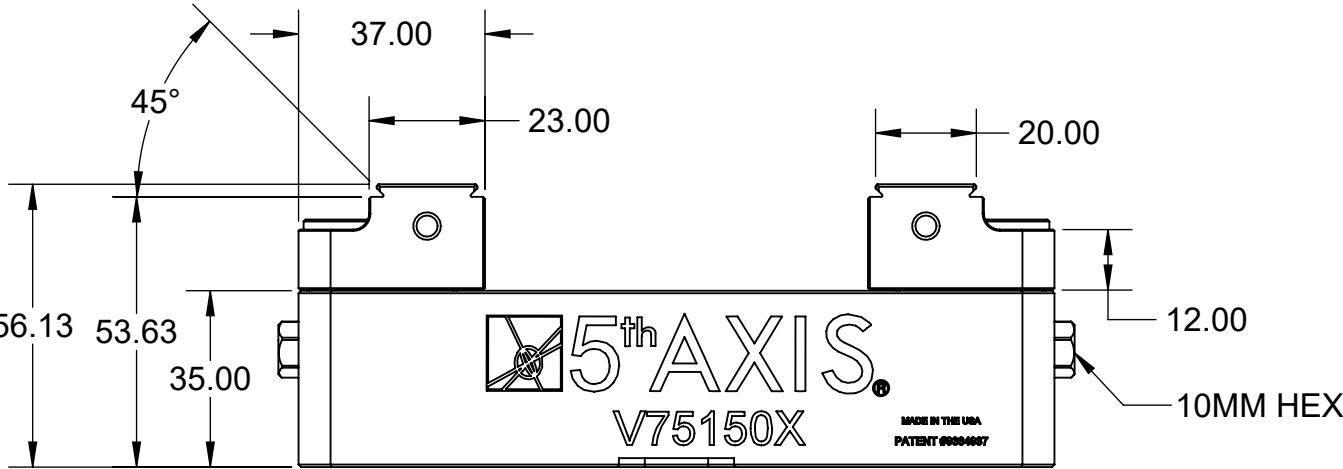
3x $\phi 8.014 \pm 0.005 \nabla 4.2$
M5X0.8 $\nabla 5.8$
FITS LP8



B

B

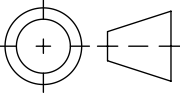
JAW MOUNTING



SECTION A-A

A

A

MILLIMETER	TOLERANCES UNLESS OTHERWISE SPECIFIED				
DRAWN IN ACCORDANCE WITH ASME Y14.5-2009	x ± 0.1 .xx ± 0.01 .x ± 0.05 .xxx ± 0.005 ANGULAR ± 0.5°	DESCRIPTION			
WWW.5THAXIS.COM	THIRD ANGLE PROJECTION	SMALL SELF-CENTERING VISE			
7140 ENGINEER ROAD SAN DIEGO, CA 92111		SIZE B	PART NO. V75150X		
P (858) 505-0432 F (858) 505-9344		DO NOT SCALE DRAWING		SCALE 2:3	WEIGHT:
				SHEET 1 OF 3	
				REV A	

8

7

6

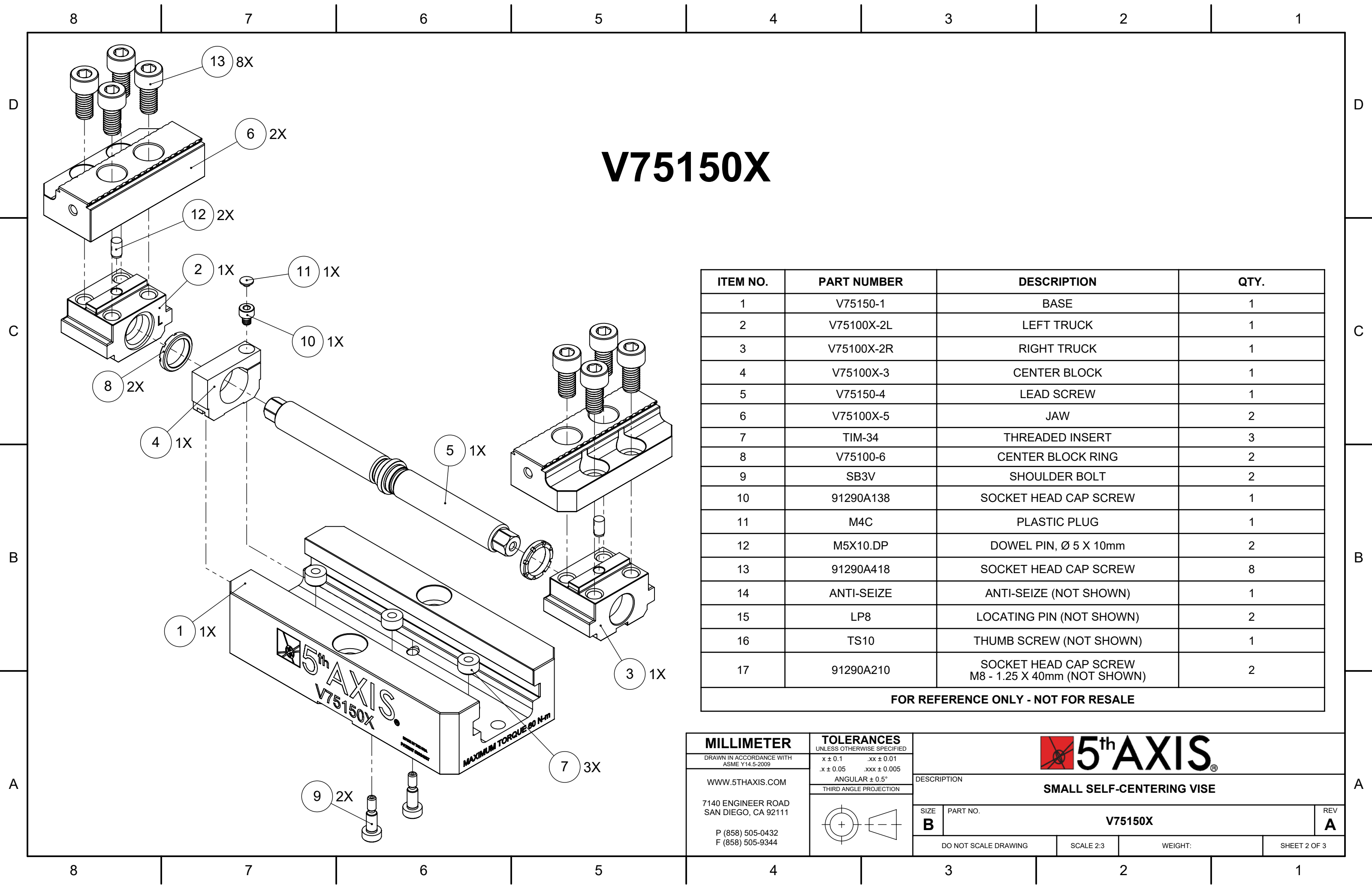
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2

1



V75150X

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	V75150-1	BASE	1
2	V75100X-2L	LEFT TRUCK	1
3	V75100X-2R	RIGHT TRUCK	1
4	V75100X-3	CENTER BLOCK	1
5	V75150-4	LEAD SCREW	1
6	V75100X-5	JAW	2
7	TIM-34	THREADED INSERT	3
8	V75100-6	CENTER BLOCK RING	2
9	SB3V	SHOULDER BOLT	2
10	91290A138	SOCKET HEAD CAP SCREW	1
11	M4C	PLASTIC PLUG	1
12	M5X10.DP	DOWEL PIN, Ø 5 X 10mm	2
13	91290A418	SOCKET HEAD CAP SCREW	8
14	ANTI-SEIZE	ANTI-SEIZE (NOT SHOWN)	1
15	LP8	LOCATING PIN (NOT SHOWN)	2
16	TS10	THUMB SCREW (NOT SHOWN)	1
17	91290A210	SOCKET HEAD CAP SCREW M8 - 1.25 X 40mm (NOT SHOWN)	2
FOR REFERENCE ONLY - NOT FOR RESALE			

MILLIMETER

DRAWN IN ACCORDANCE WITH
ASME Y14.5-2009

WWW.5THAXIS.COM

7140 ENGINEER ROAD
SAN DIEGO, CA 92111

P (858) 505-0432
F (858) 505-9344

TOLERANCES
UNLESS OTHERWISE SPECIFIED

x ± 0.1

.xx ± 0.01

.x ± 0.05

.xxx ± 0.005

ANGULAR ± 0.5°

THIRD ANGLE PROJECTION

DESCRIPTION

SMALL SELF-CENTERING VISE

SIZE

B

PART NO.

V75150X

REV

A

DO NOT SCALE DRAWING

SCALE 2:3

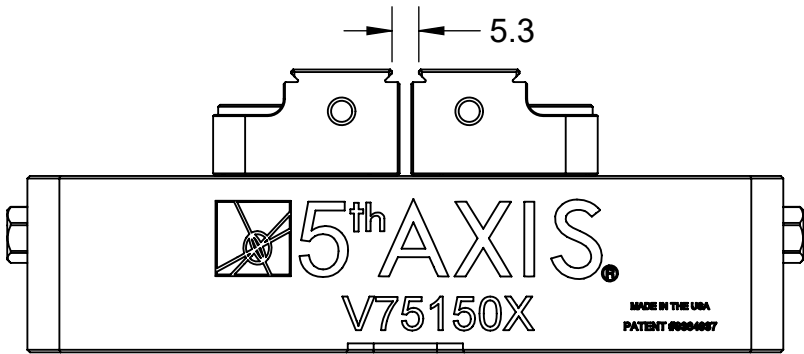
WEIGHT:

SHEET 2 OF 3

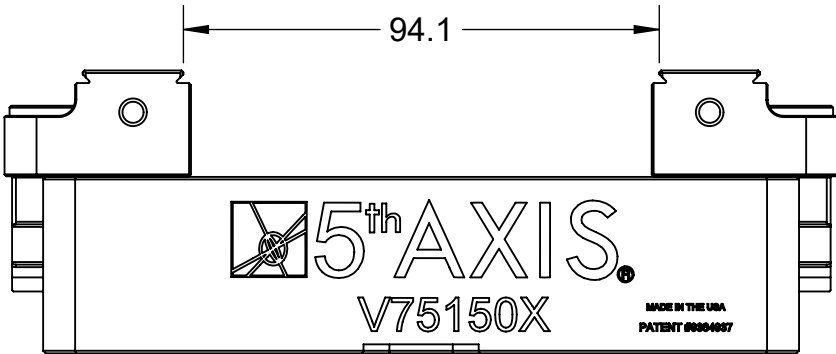
87654321

NOTE: USING DOVETAIL ALLOWS VISE TO CLAMP LARGER PART.
BELOW CLAMPING RANGE ONLY SHOWS THE CAPABILITY OF THE GRIPPER TEETH.

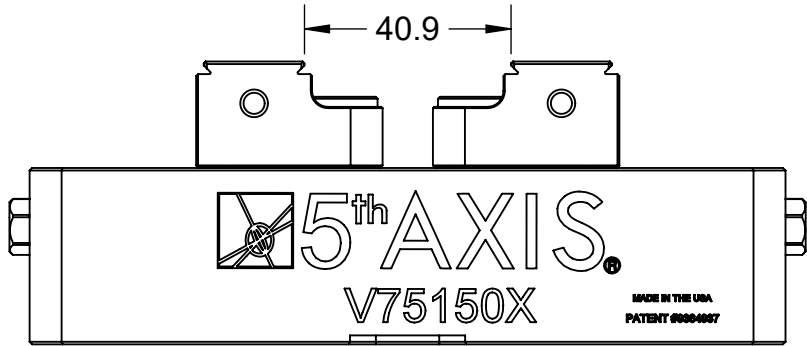
V75150X



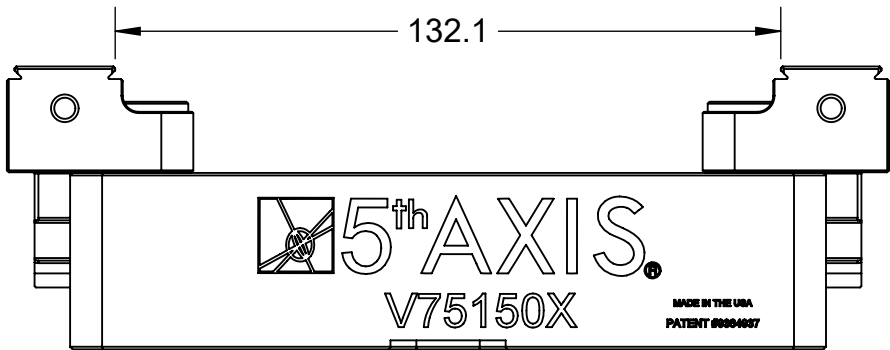
FORWARD JAWS (MINIMUM CLAMPING RANGE)



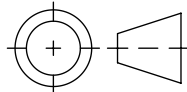
FORWARD JAWS (MAXIMUM CLAMPING RANGE)



REVERSE JAWS (MINIMUM CLAMPING RANGE)



REVERSE JAWS (MAXIMUM CLAMPING RANGE)

MILLIMETER		TOLERANCES UNLESS OTHERWISE SPECIFIED				
DRAWN IN ACCORDANCE WITH ASME Y14.5-2009		x ± 0.1 .xx ± 0.01 .x ± 0.05 .xxx ± 0.005 ANGULAR ± 0.5°		DESCRIPTION SMALL SELF-CENTERING VISE		
WWW.5THAXIS.COM		THIRD ANGLE PROJECTION				
7140 ENGINEER ROAD SAN DIEGO, CA 92111				SIZE	PART NO.	REV
P (858) 505-0432 F (858) 505-9344				B	V75150X	A
				DO NOT SCALE DRAWING	SCALE 2:3	WEIGHT:
				SHEET 3 OF 3		

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