

8

7

6

5

4

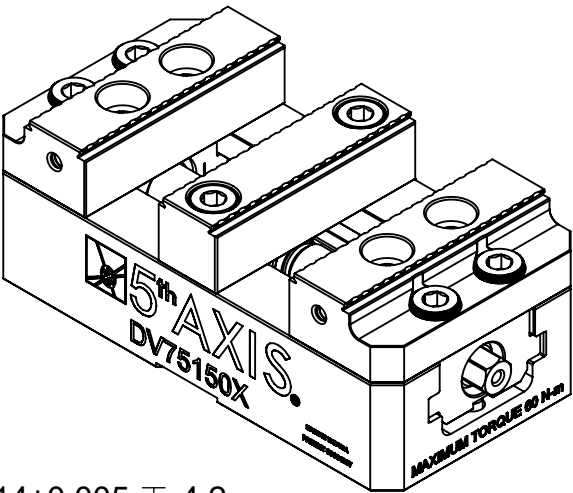
3

2

1

TECHNICAL DATA	DV75150X-J1
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)

DV75150X-J1



D

D

C

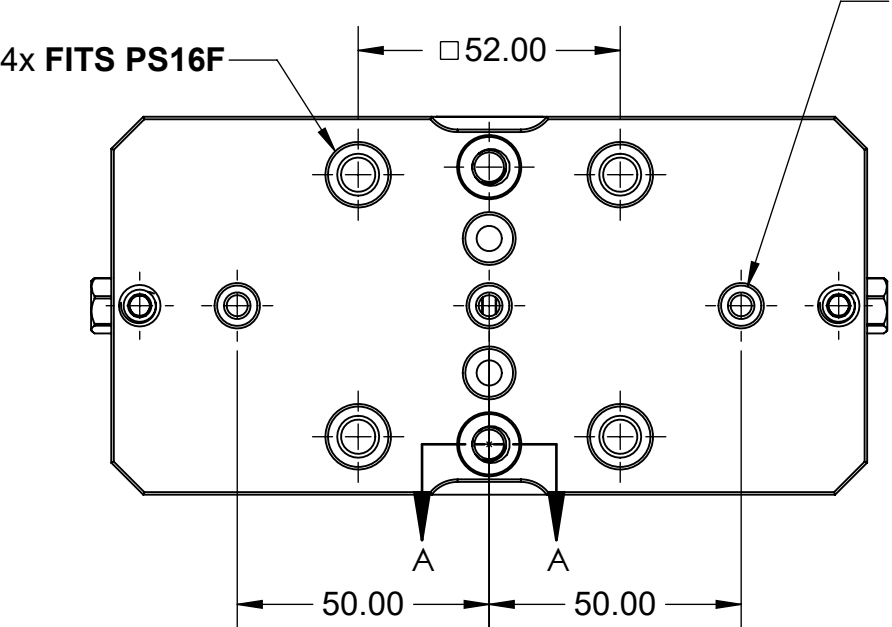
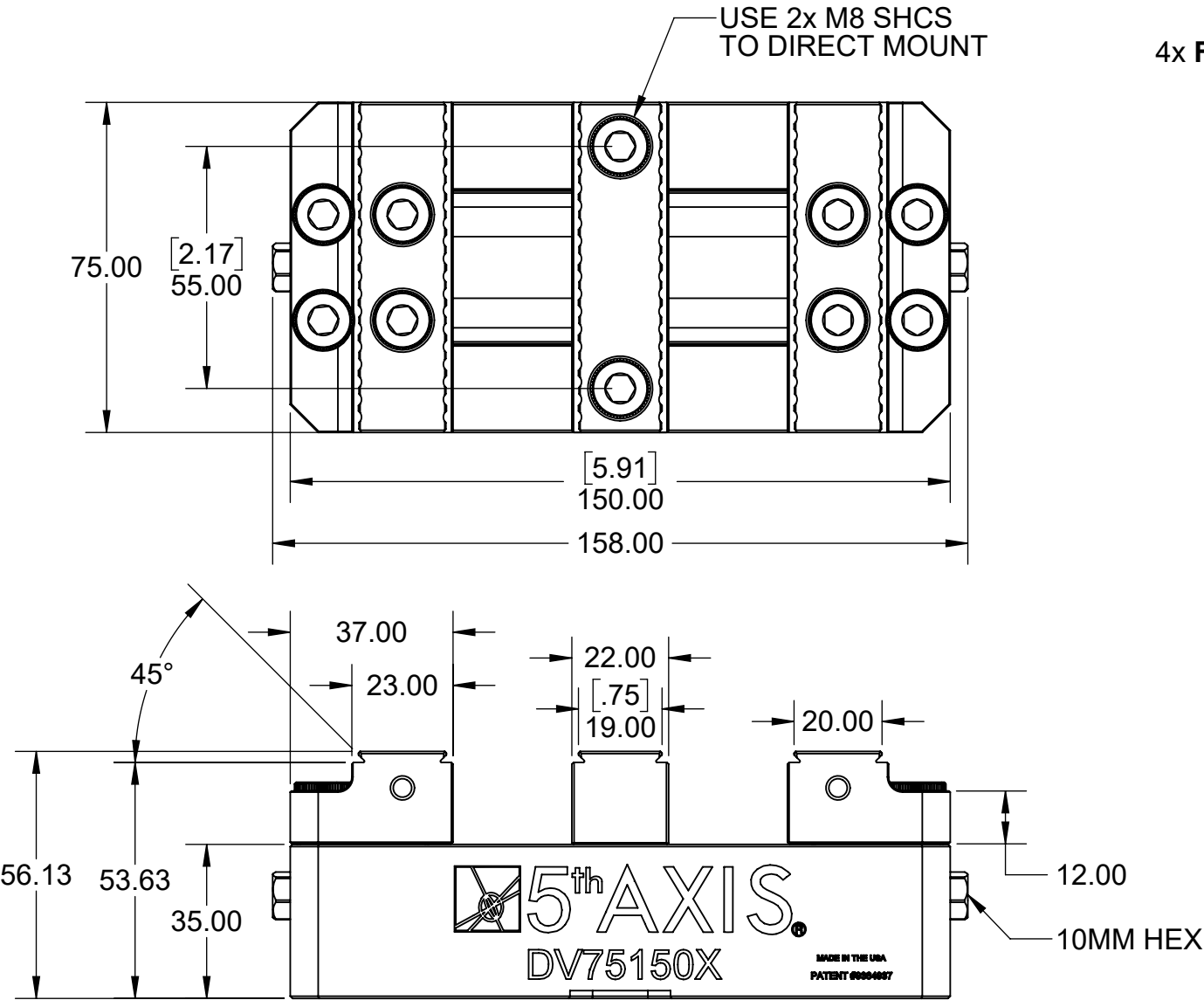
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B

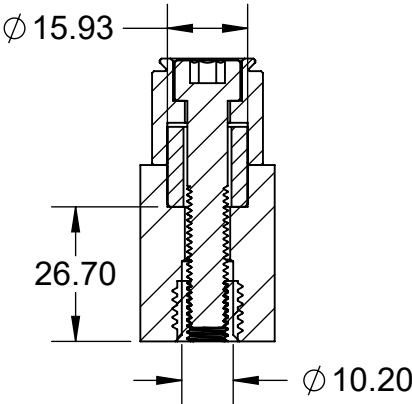
B

A

A

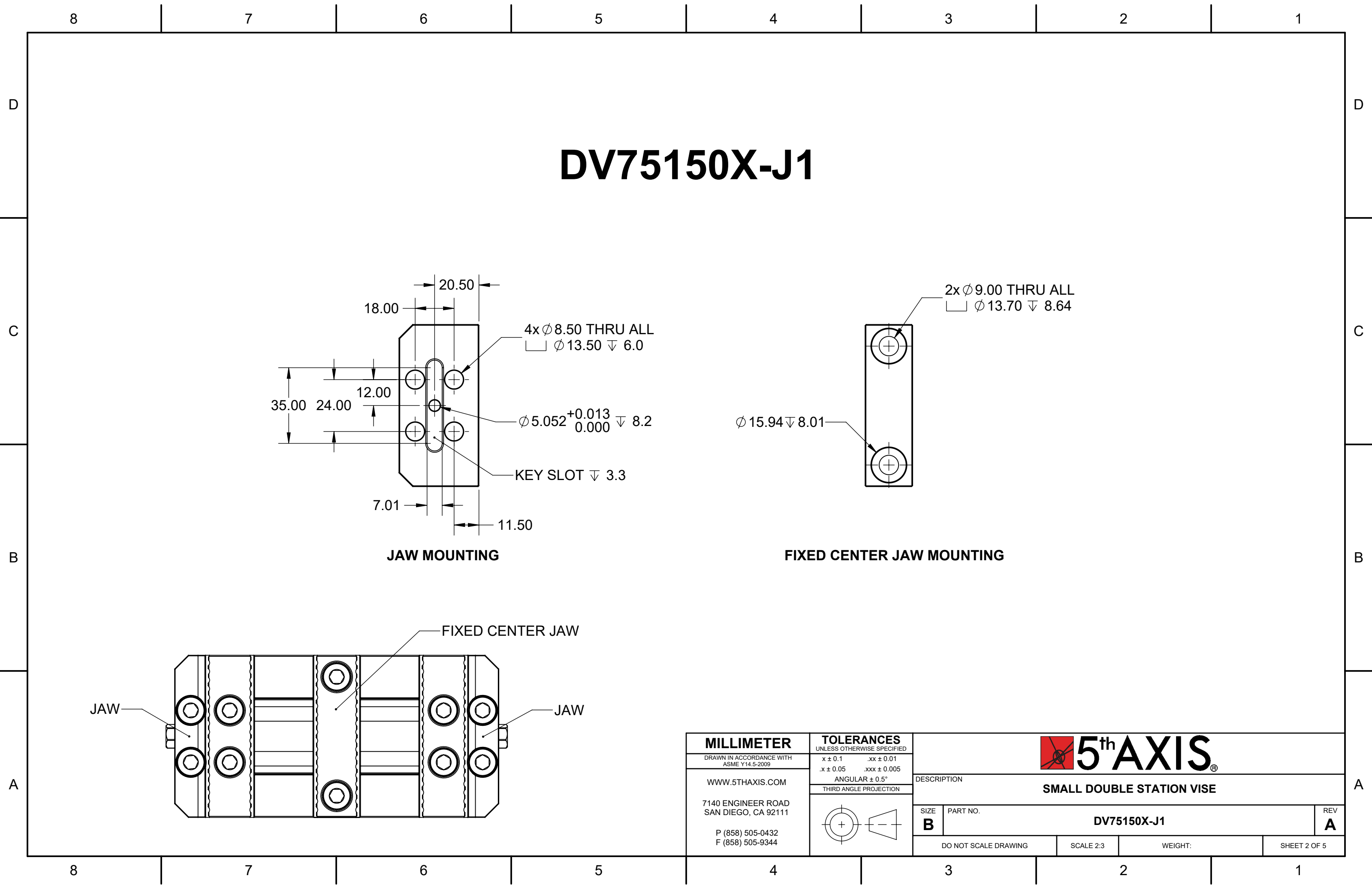


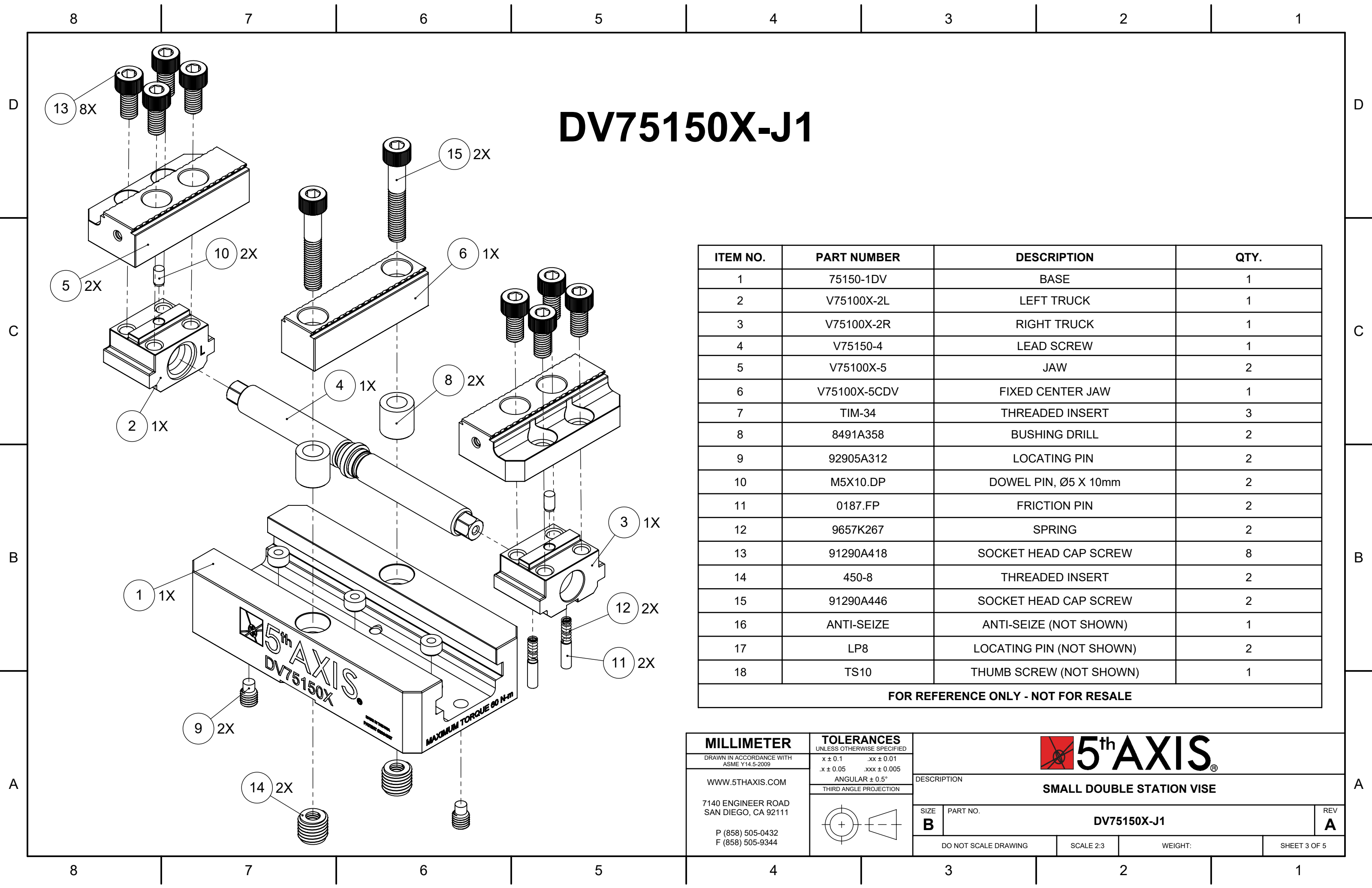
3x $\varnothing 8.014 \pm 0.005 \nabla 4.2$
M5X0.8 $\nabla 5.8$
FITS LP8



SECTION A-A

MILLIMETER DRAWN IN ACCORDANCE WITH ASME Y14.5-2009		TOLERANCES UNLESS OTHERWISE SPECIFIED x ± 0.1 .xx ± 0.01 .x ± 0.05 .xxx ± 0.005 ANGULAR ± 0.5° THIRD ANGLE PROJECTION		 5th AXIS ®			
WWW.5THAXIS.COM		DESCRIPTION		SMALL DOUBLE STATION VISE			
7140 ENGINEER ROAD SAN DIEGO, CA 92111		SIZE	PART NO.	DV75150X-J1			REV
P (858) 505-0432 F (858) 505-9344		B				A	
		DO NOT SCALE DRAWING		SCALE 2:3	WEIGHT:	SHEET 1 OF 5	





DV75150X-J1

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	75150-1DV	BASE	1
2	V75100X-2L	LEFT TRUCK	1
3	V75100X-2R	RIGHT TRUCK	1
4	V75150-4	LEAD SCREW	1
5	V75100X-5	JAW	2
6	V75100X-5CDV	FIXED CENTER JAW	1
7	TIM-34	THREADED INSERT	3
8	8491A358	BUSHING DRILL	2
9	92905A312	LOCATING PIN	2
10	M5X10.DP	DOWEL PIN, Ø5 X 10mm	2
11	0187.FP	FRICTION PIN	2
12	9657K267	SPRING	2
13	91290A418	SOCKET HEAD CAP SCREW	8
14	450-8	THREADED INSERT	2
15	91290A446	SOCKET HEAD CAP SCREW	2
16	ANTI-SEIZE	ANTI-SEIZE (NOT SHOWN)	1
17	LP8	LOCATING PIN (NOT SHOWN)	2
18	TS10	THUMB SCREW (NOT SHOWN)	1
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 DOUBLE STATION VISE

SIZE

B

PART NO.

DV75150X-J1

REV

A

DO NOT SCALE DRAWING

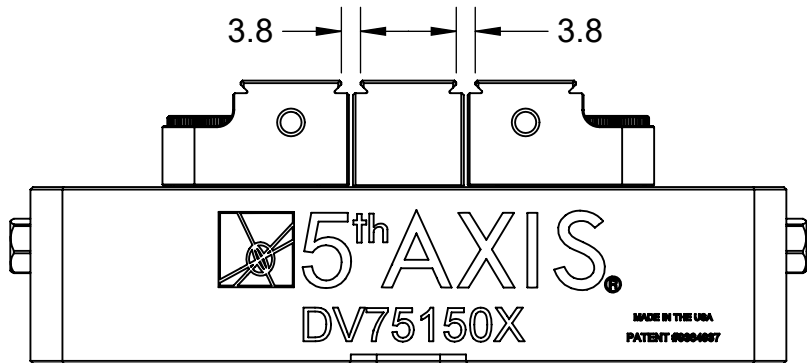
SCALE 2:3

WEIGHT:

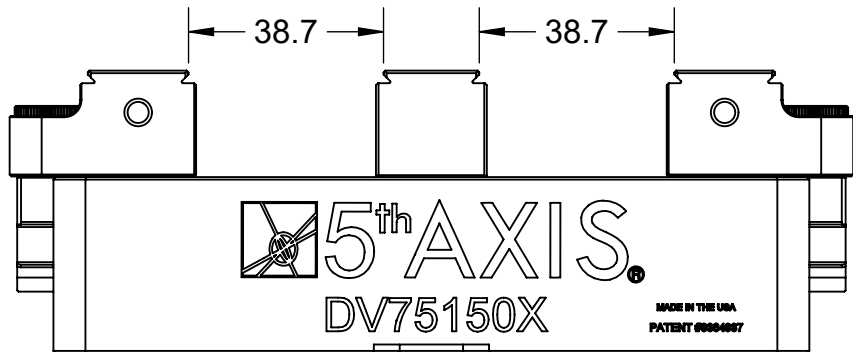
SHEET 3 OF 5

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

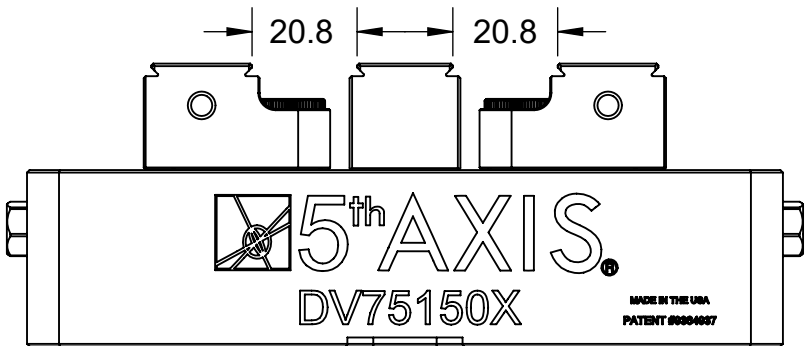
DV75150X-J1



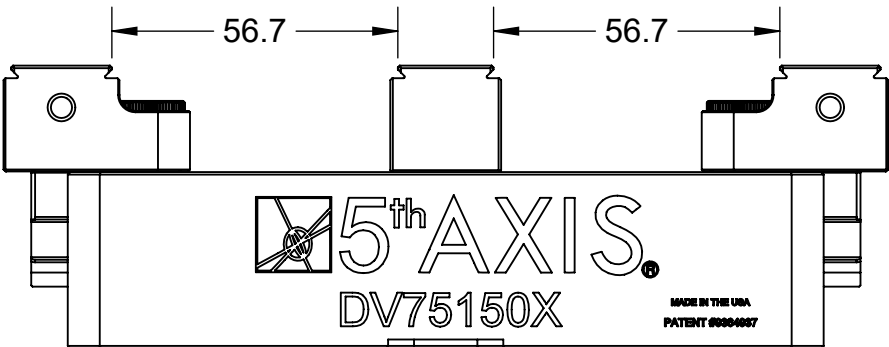
FORWARD JAWS (MINIMUM CLAMPING RANGE)



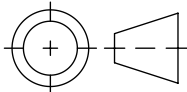
FORWARD JAWS (MAXIMUM CLAMPING RANGE)



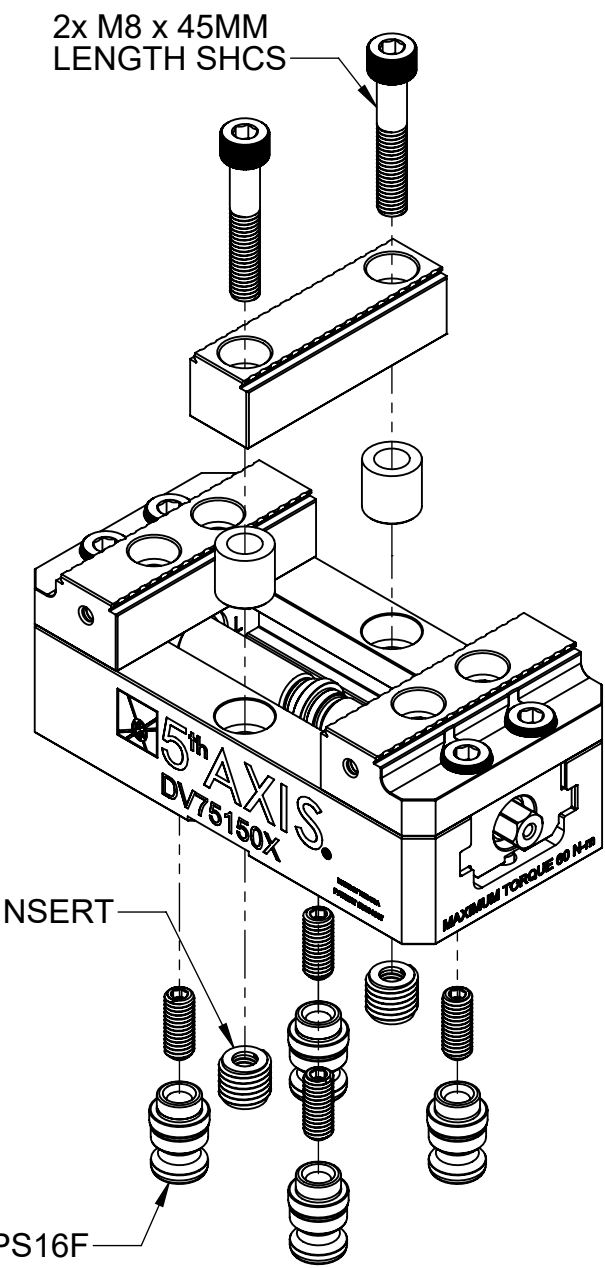
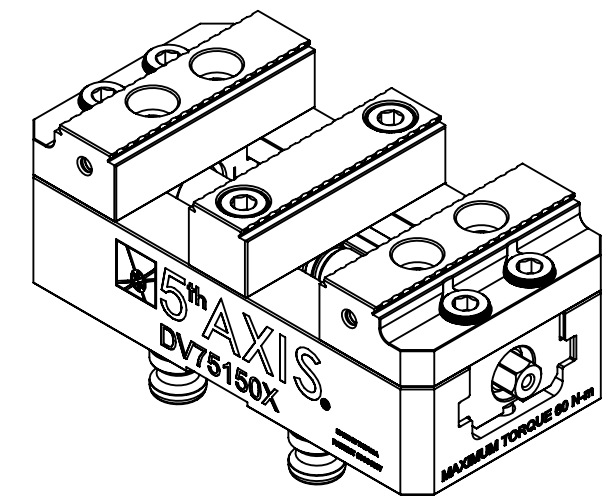
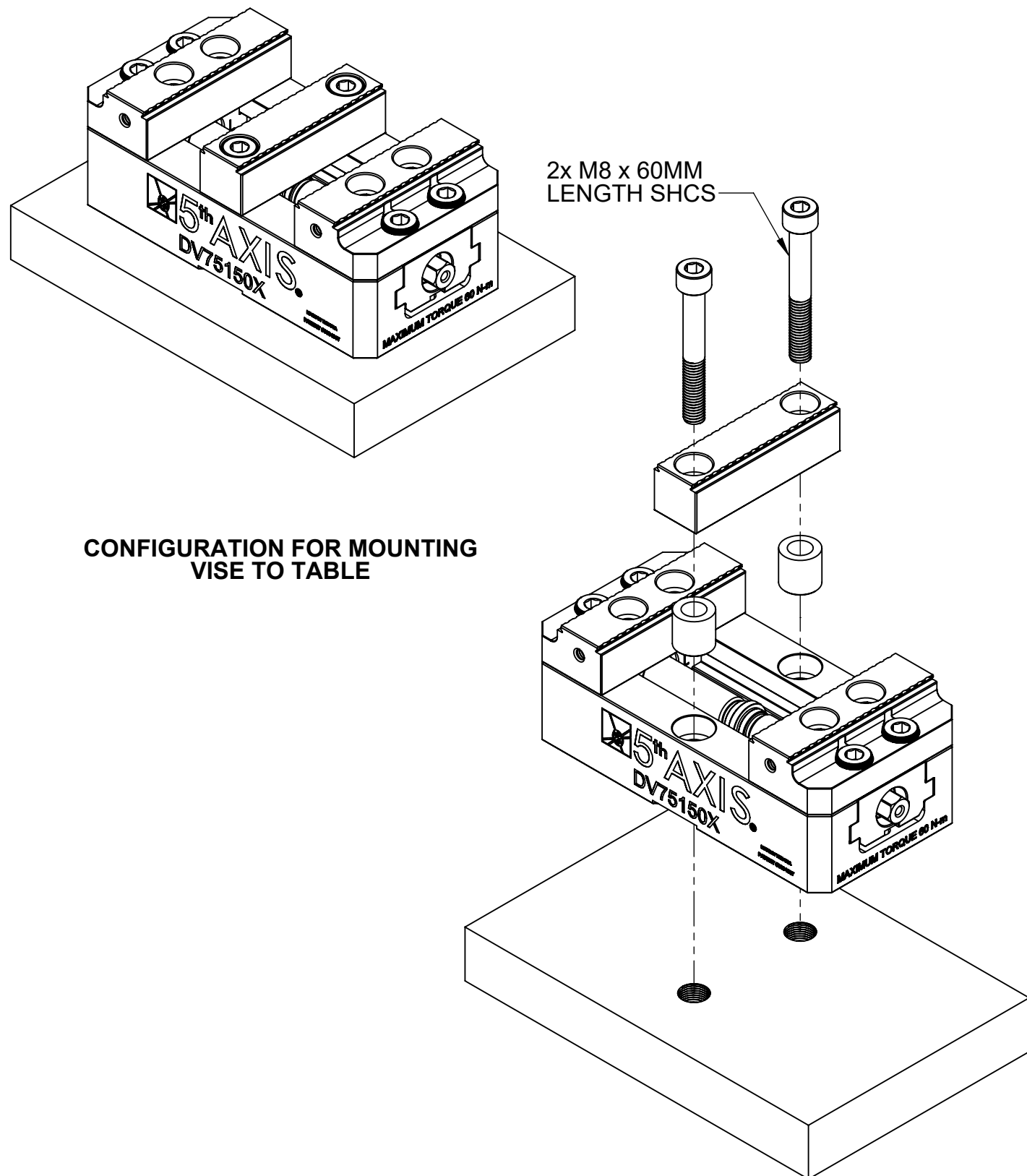
REVERSE JAWS (MINIMUM CLAMPING RANGE)



REVERSE JAWS (MAXIMUM CLAMPING RANGE)

MILLIMETER		TOLERANCES UNLESS OTHERWISE SPECIFIED		 5thAXIS®			
DRAWN IN ACCORDANCE WITH ASME Y14.5-2009		x ± 0.1 .xx ± 0.01 .x ± 0.05 .xxx ± 0.005 ANGULAR ± 0.5° THIRD ANGLE PROJECTION		DESCRIPTION SMALL DOUBLE STATION VISE			
WWW.5THAXIS.COM				SIZE B		PART NO. DV75150X-J1	REV A
7140 ENGINEER ROAD SAN DIEGO, CA 92111 P (858) 505-0432 F (858) 505-9344				DO NOT SCALE DRAWING		SCALE 2:3	WEIGHT:

DV75150X-J1



MILLIMETER DRAWN IN ACCORDANCE WITH ASME Y14.5-2009		TOLERANCES UNLESS OTHERWISE SPECIFIED x ± 0.1 .xx ± 0.01 .x ± 0.05 .xxx ± 0.005 ANGULAR ± 0.5° THIRD ANGLE PROJECTION			
WWW.5THAXIS.COM		DESCRIPTION		SMALL DOUBLE STATION VISE	
7140 ENGINEER ROAD SAN DIEGO, CA 92111		SIZE	PART NO.	DV75150X-J1	
P (858) 505-0432 F (858) 505-9344		B			REV A
		DO NOT SCALE DRAWING		SCALE 1:2	WEIGHT:
				SHEET 5 OF 5	