

8

7

6

5

4

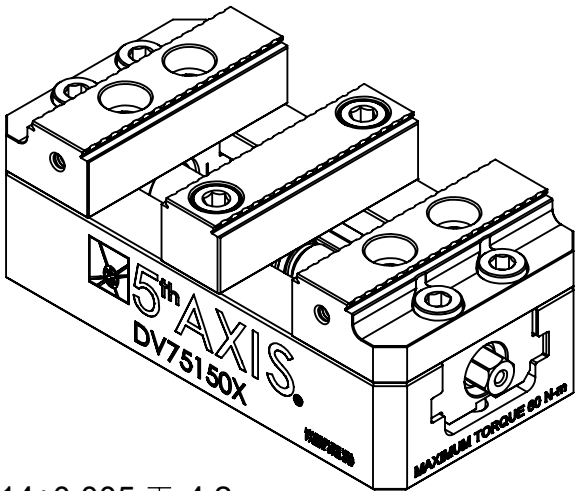
3

2

1

| TECHNICAL DATA                 | DV75150X-J1                         |
|--------------------------------|-------------------------------------|
| JAW WIDTH                      | 2.95" (75mm)                        |
| BASE LENGTH                    | 5.91" (150mm)                       |
| MAXIMUM TORQUE (JAW BOLT)      | 20 ft-lb (27 Nm)                    |
| CLAMPING FORCE                 | 5000 lbf @ 45 ft-lb (22 kN @ 60 Nm) |
| MAXIMUM TORQUE (LEADSCREW)     | 45 ft-lb (60 Nm)                    |
| MAXIMUM TORQUE (MOUNTING BOLT) | 25 ft-lb (34 Nm)                    |
| SELF-CENTERING ACCURACY        | ± 0.0005" (± 12.7µm)                |

DV75150X-J1



D

D

C

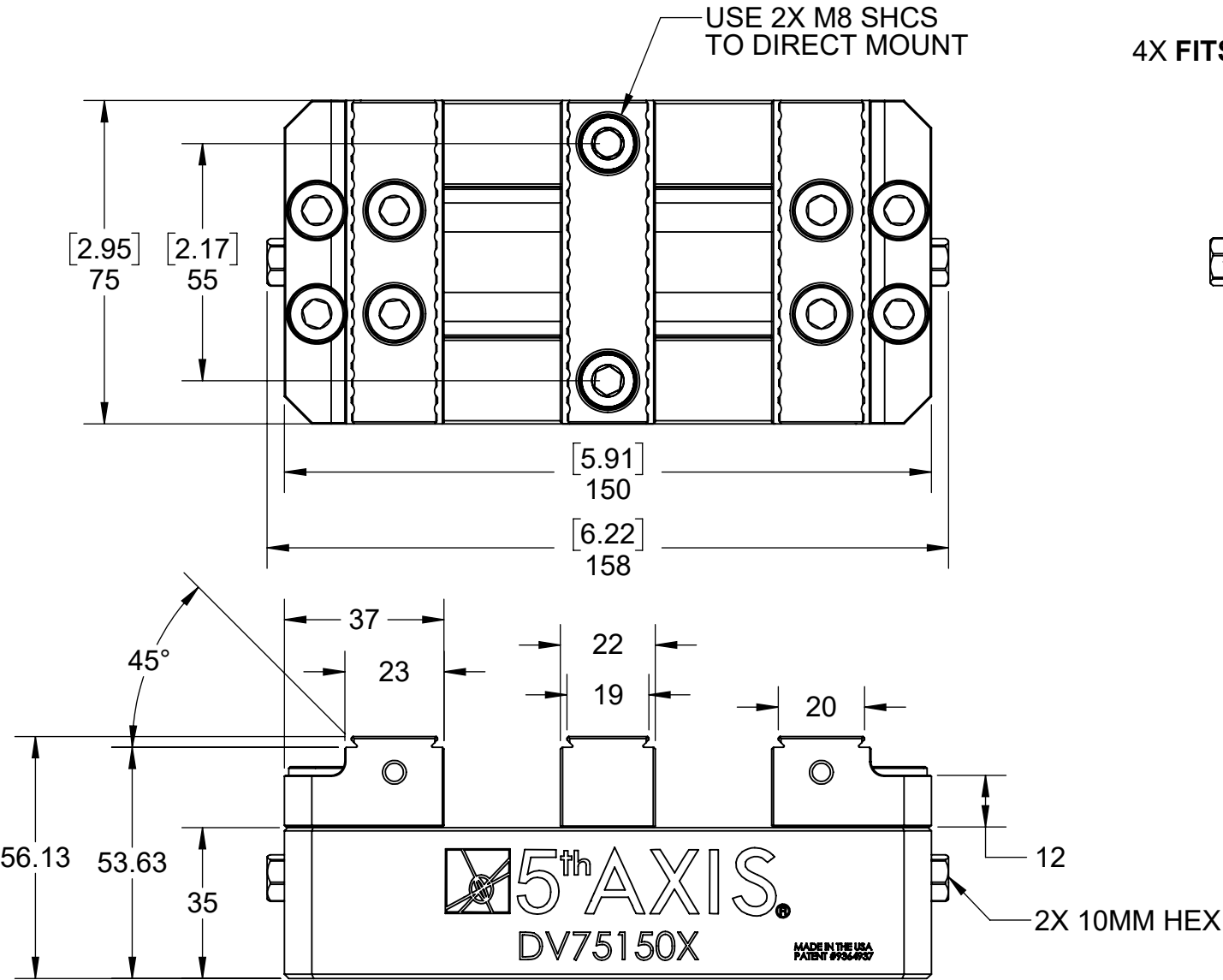
C

B

B

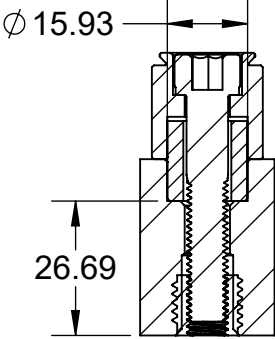
A

A

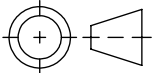


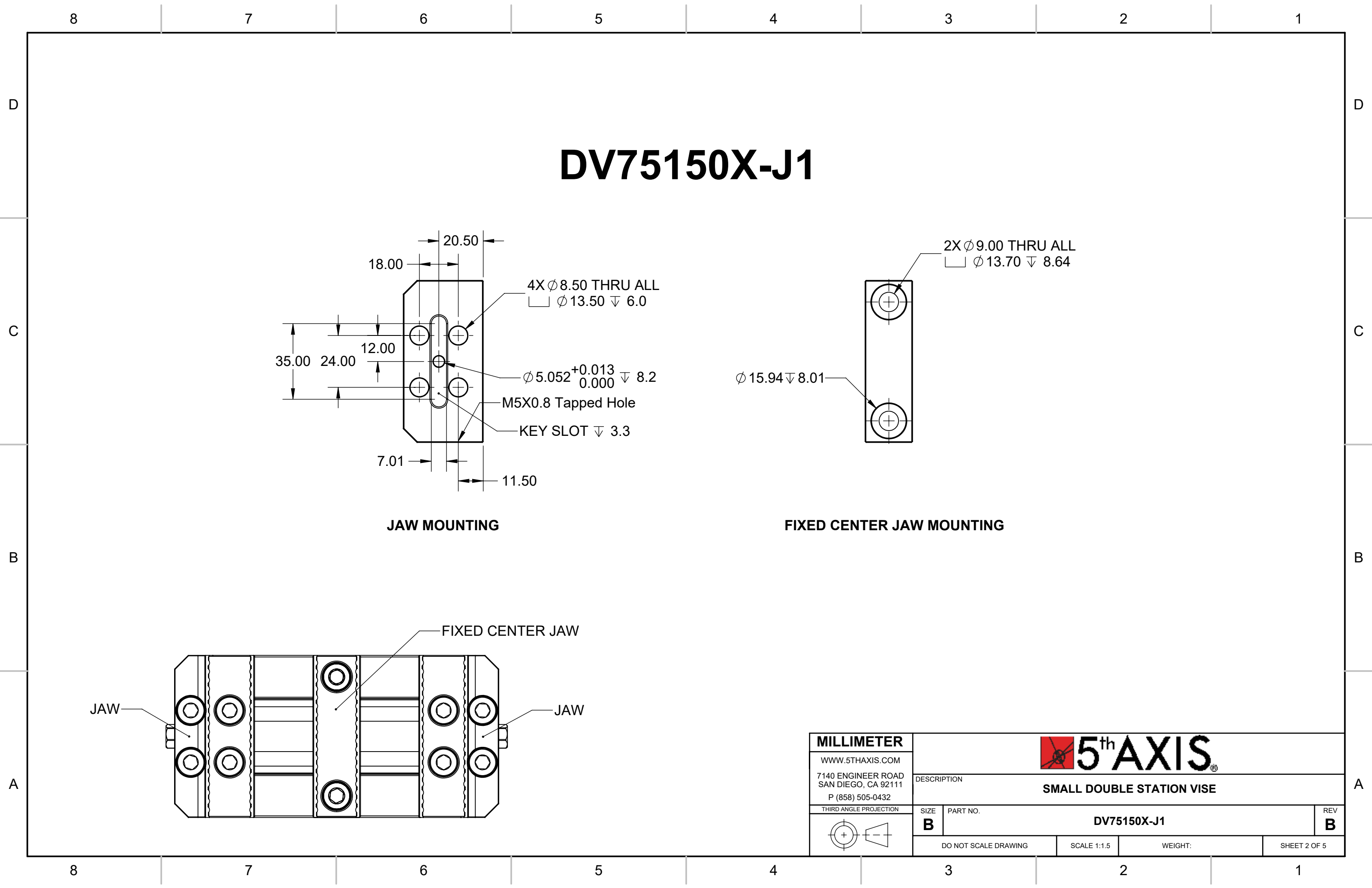
4X FITS PS16F

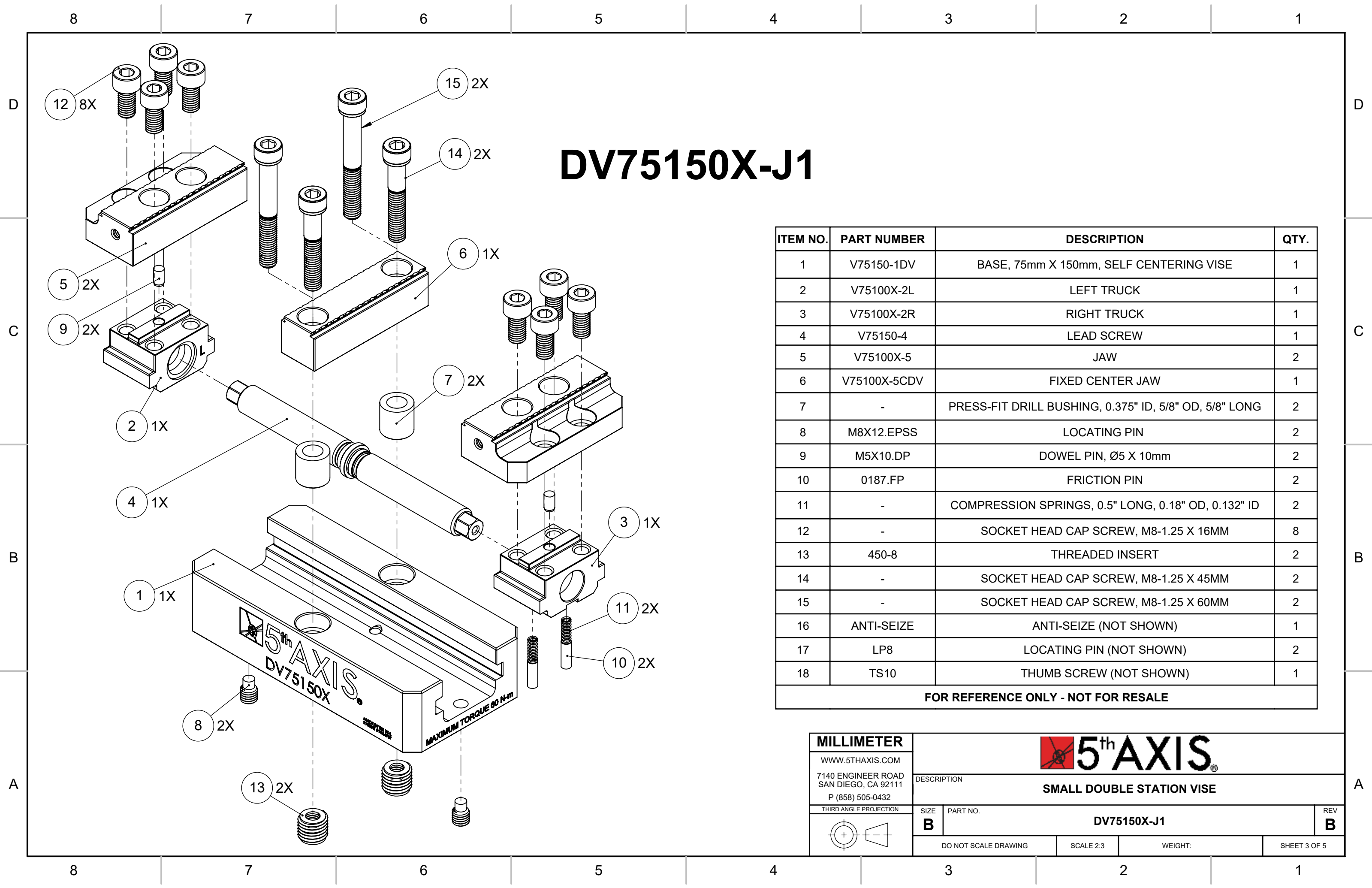
3X Ø8.014±0.005 ∇ 4.2  
M5X0.8 ∇ 5.8  
FITS LP8



SECTION A-A

|                                                                                                                 |  |                                                                                       |                                |                 |
|-----------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------|--------------------------------|-----------------|
| <b>MILLIMETER</b>                                                                                               |  |  |                                |                 |
| WWW.5THAXIS.COM<br>7140 ENGINEER ROAD<br>SAN DIEGO, CA 92111<br>P (858) 505-0432                                |  | DESCRIPTION<br><b>SMALL DOUBLE STATION VISE</b>                                       |                                |                 |
| THIRD ANGLE PROJECTION<br> |  | SIZE<br><b>B</b>                                                                      | PART NO.<br><b>DV75150X-J1</b> | REV<br><b>B</b> |
| DO NOT SCALE DRAWING                                                                                            |  | SCALE 1:1.5                                                                           | WEIGHT:                        | SHEET 1 OF 5    |





# DV75150X-J1

| ITEM NO.                            | PART NUMBER  | DESCRIPTION                                            | QTY. |
|-------------------------------------|--------------|--------------------------------------------------------|------|
| 1                                   | V75150-1DV   | BASE, 75mm X 150mm, SELF CENTERING VISE                | 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                                   | -            | PRESS-FIT DRILL BUSHING, 0.375" ID, 5/8" OD, 5/8" LONG | 2    |
| 8                                   | M8X12.EPSS   | LOCATING PIN                                           | 2    |
| 9                                   | M5X10.DP     | DOWEL PIN, Ø5 X 10mm                                   | 2    |
| 10                                  | 0187.FP      | FRICTION PIN                                           | 2    |
| 11                                  | -            | COMPRESSION SPRINGS, 0.5" LONG, 0.18" OD, 0.132" ID    | 2    |
| 12                                  | -            | SOCKET HEAD CAP SCREW, M8-1.25 X 16MM                  | 8    |
| 13                                  | 450-8        | THREADED INSERT                                        | 2    |
| 14                                  | -            | SOCKET HEAD CAP SCREW, M8-1.25 X 45MM                  | 2    |
| 15                                  | -            | SOCKET HEAD CAP SCREW, M8-1.25 X 60MM                  | 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

WWW.5THAXIS.COM

7140 ENGINEER ROAD  
SAN DIEGO, CA 92111

P (858) 505-0432

THIRD ANGLE PROJECTION

DESCRIPTION

SMALL DOUBLE STATION VISE

SIZE

B

PART NO.

DV75150X-J1

REV

B

DO NOT SCALE DRAWING

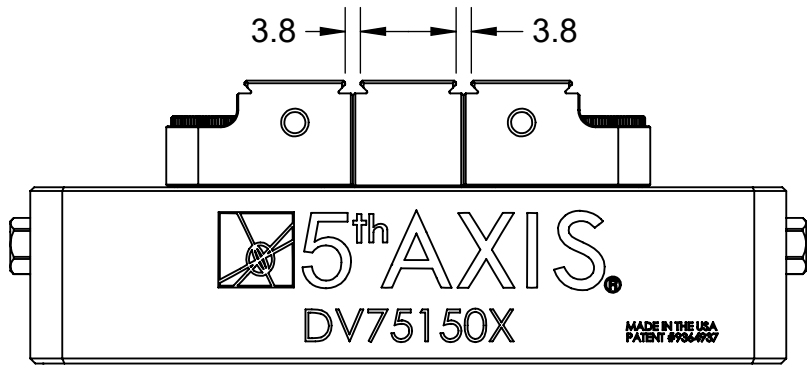
SCALE 2:3

WEIGHT:

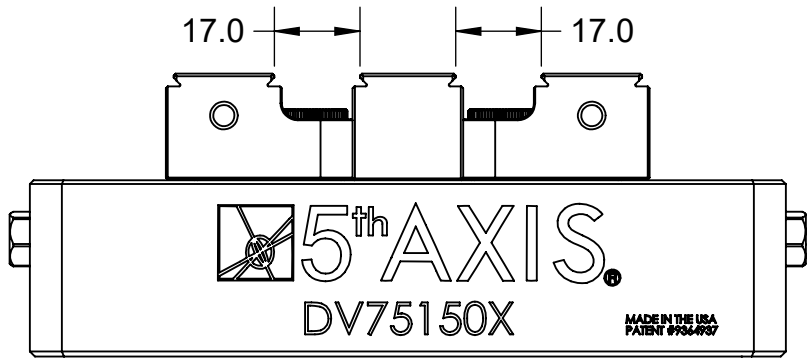
SHEET 3 OF 5

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

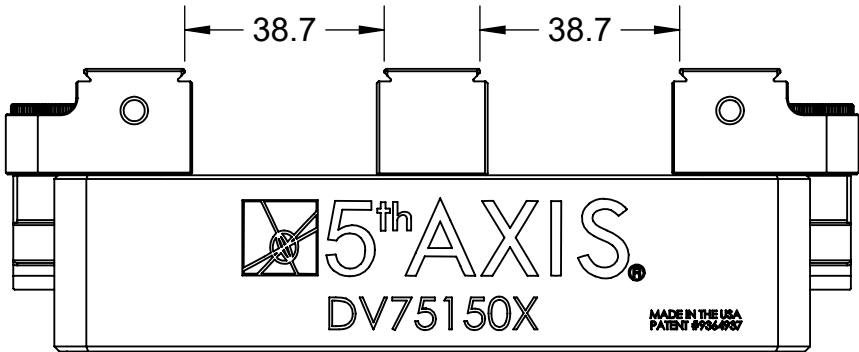
# DV75150X-J1



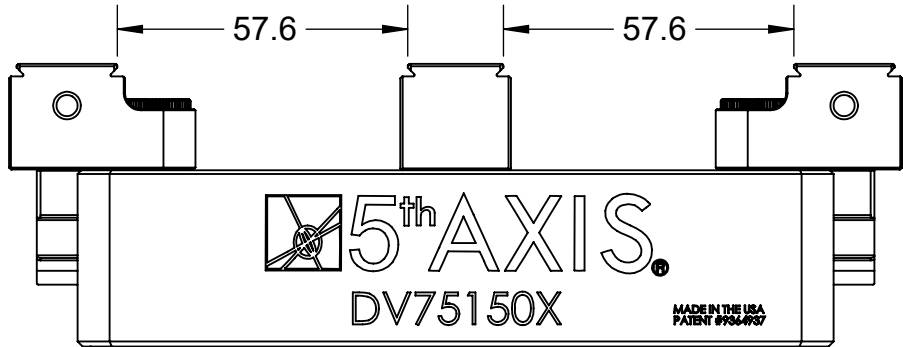
FORWARD JAWS (MINIMUM CLAMPING RANGE)



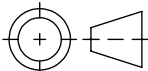
REVERSE JAWS (MINIMUM CLAMPING RANGE)



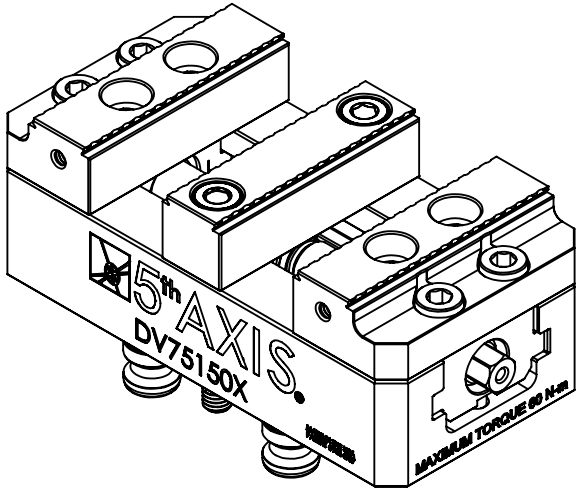
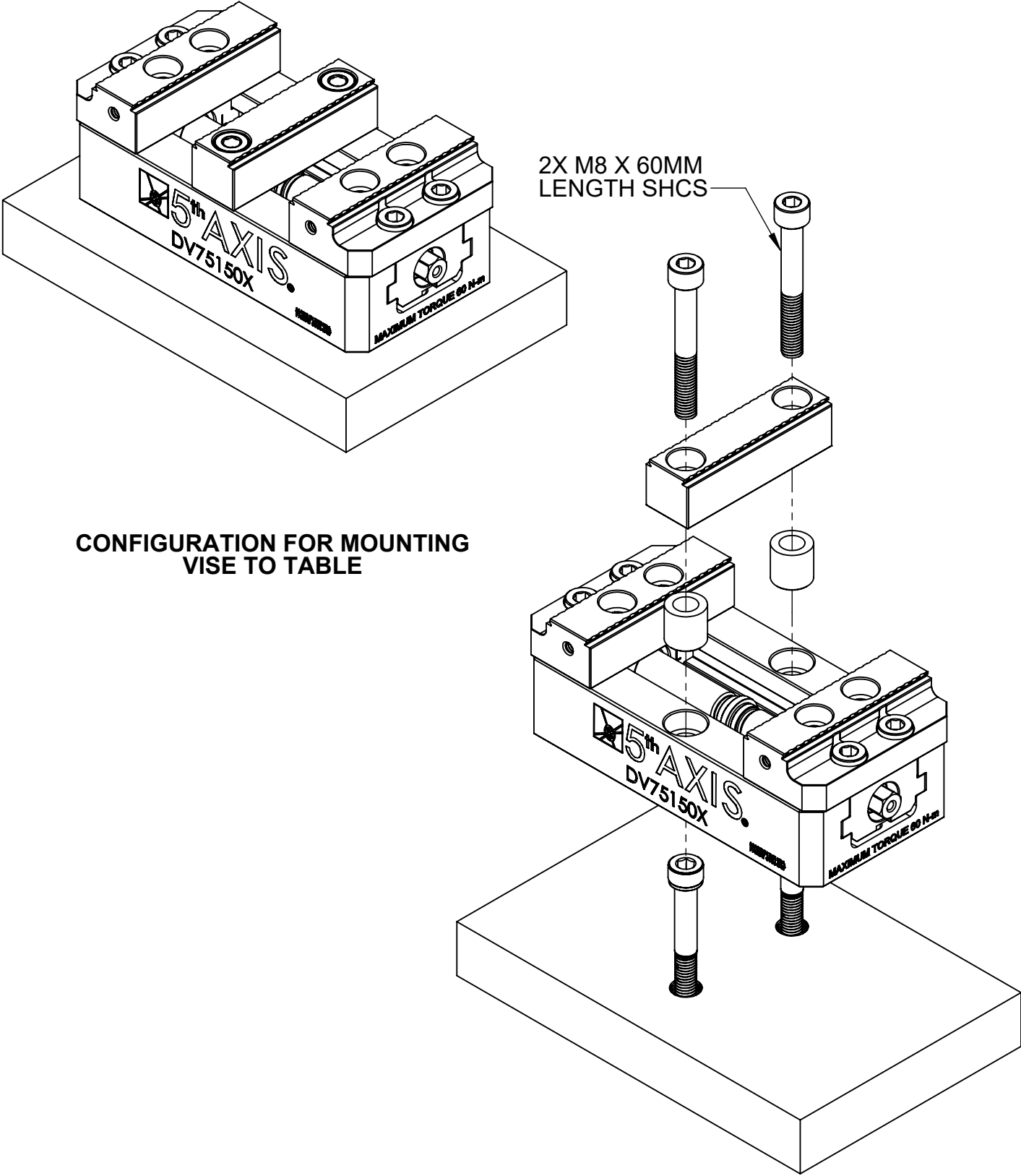
FORWARD JAWS (MAXIMUM CLAMPING RANGE)



REVERSE JAWS (MAXIMUM CLAMPING RANGE)

|                                                                                       |  |                                                                                                                         |                             |         |                 |
|---------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------|-----------------------------|---------|-----------------|
| MILLIMETER                                                                            |  |  5 <sup>th</sup> AXIS <sup>®</sup> |                             |         |                 |
| WWW.5THAXIS.COM                                                                       |  | DESCRIPTION<br><br>SMALL DOUBLE STATION VISE                                                                            |                             |         |                 |
| 7140 ENGINEER ROAD<br>SAN DIEGO, CA 92111<br><br>P (858) 505-0432                     |  |                                                                                                                         |                             |         |                 |
| THIRD ANGLE PROJECTION                                                                |  | SIZE<br><b>B</b>                                                                                                        | PART NO.<br><br>DV75150X-J1 |         | REV<br><b>B</b> |
|  |  | DO NOT SCALE DRAWING                                                                                                    | SCALE 1:1.5                 | WEIGHT: | SHEET 4 OF 5    |

# DV75150X-J1



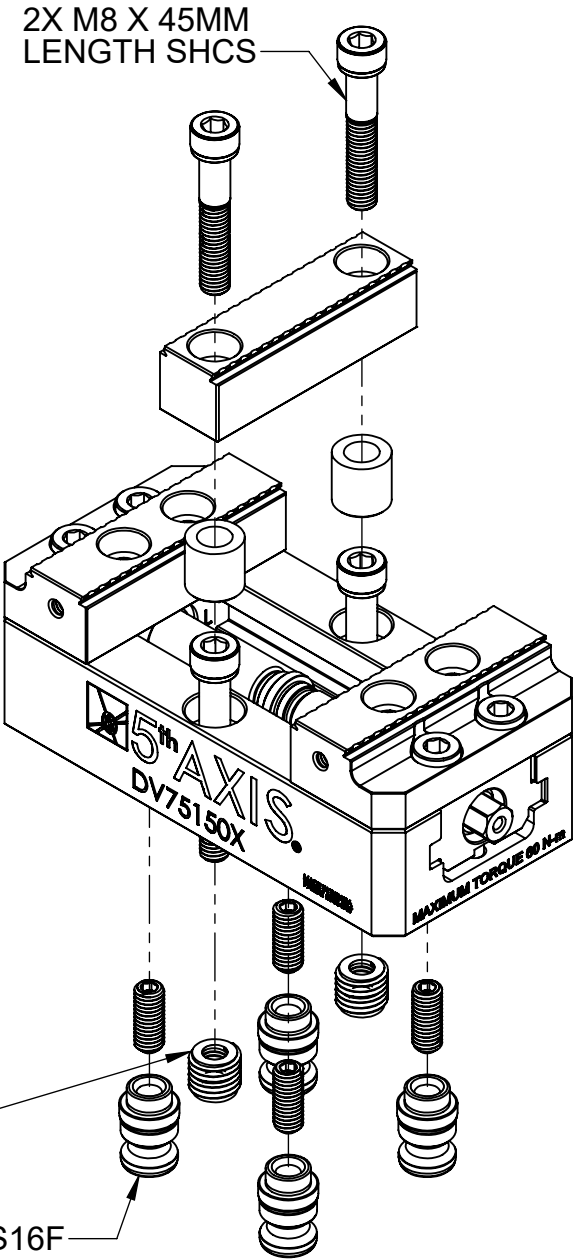
## CONFIGURATION FOR MOUNTING VISE TO ROCKLOCK SYSTEM

2X 450-8 THREADED INSERT

\*IT IS RECOMMENDED TO INSTALL USING EZ-LOK DRIVE TOOL.

ENSURE INSERTS ARE NOT PROTRUDING PAST BOTTOM OF VISE BASE.

REFER TO EZ-LOK INSTALLATION INSTRUCTIONS FOR MORE INFO.



|                                                               |  |                           |                         |              |
|---------------------------------------------------------------|--|---------------------------|-------------------------|--------------|
| MILLIMETER                                                    |  | 5 <sup>th</sup> AXIS      |                         |              |
| WWW.5THAXIS.COM                                               |  | DESCRIPTION               |                         |              |
| 7140 ENGINEER ROAD<br>SAN DIEGO, CA 92111<br>P (858) 505-0432 |  | SMALL DOUBLE STATION VISE |                         |              |
| THIRD ANGLE PROJECTION                                        |  | SIZE<br>B                 | PART NO.<br>DV75150X-J1 | REV<br>B     |
| DO NOT SCALE DRAWING                                          |  | SCALE 1:2                 | WEIGHT:                 | SHEET 5 OF 5 |