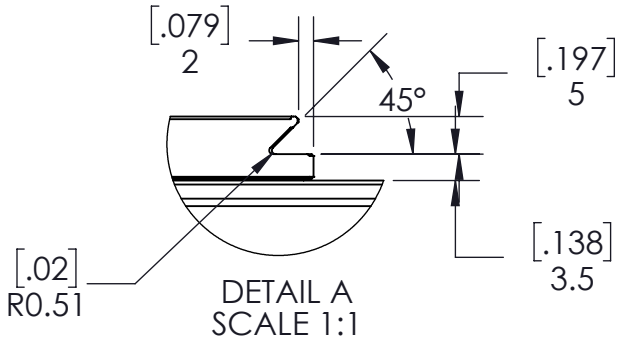
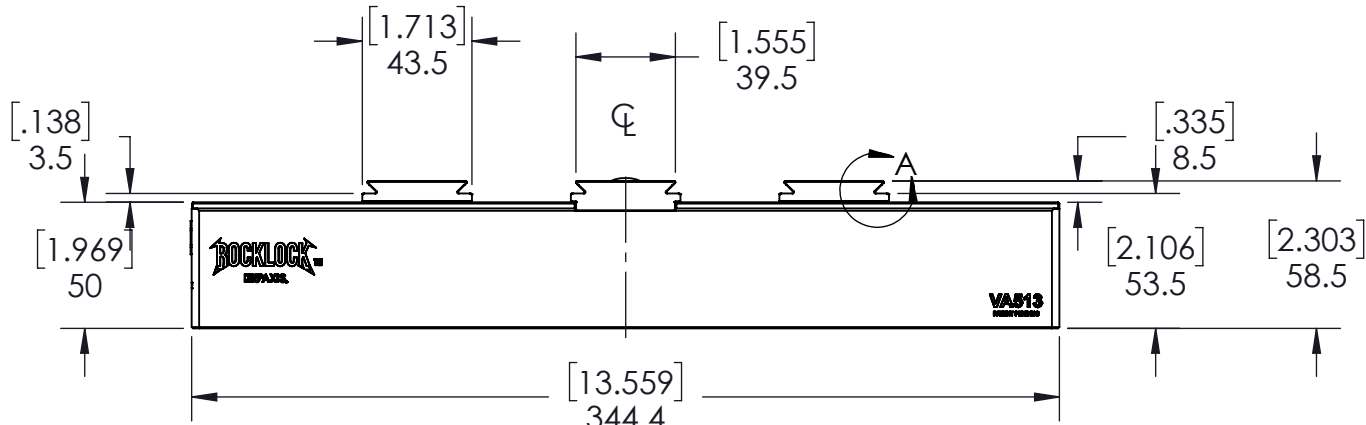
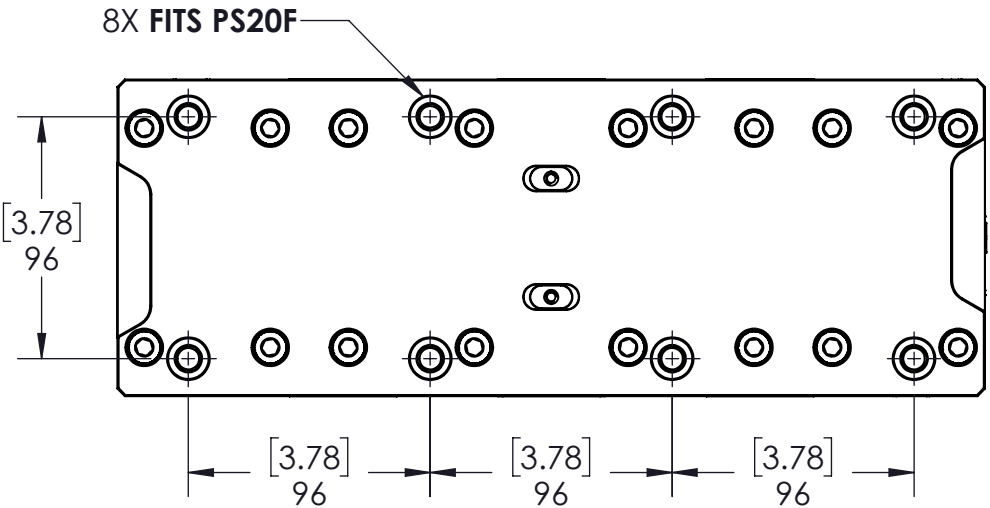
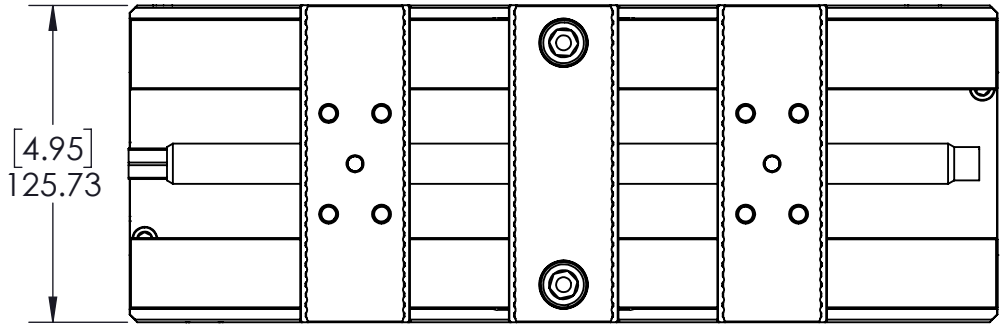
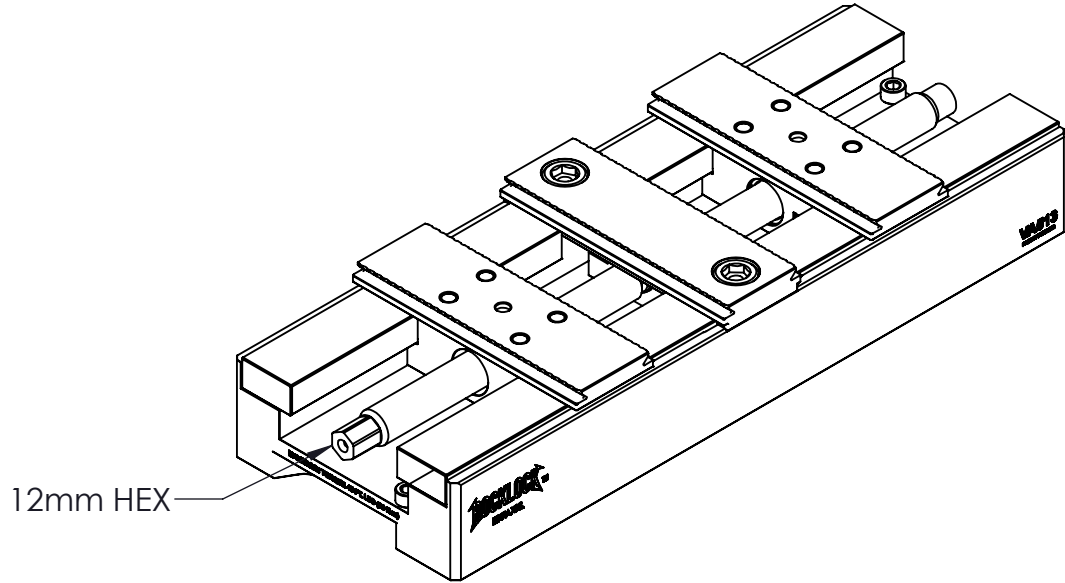
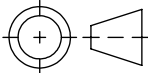
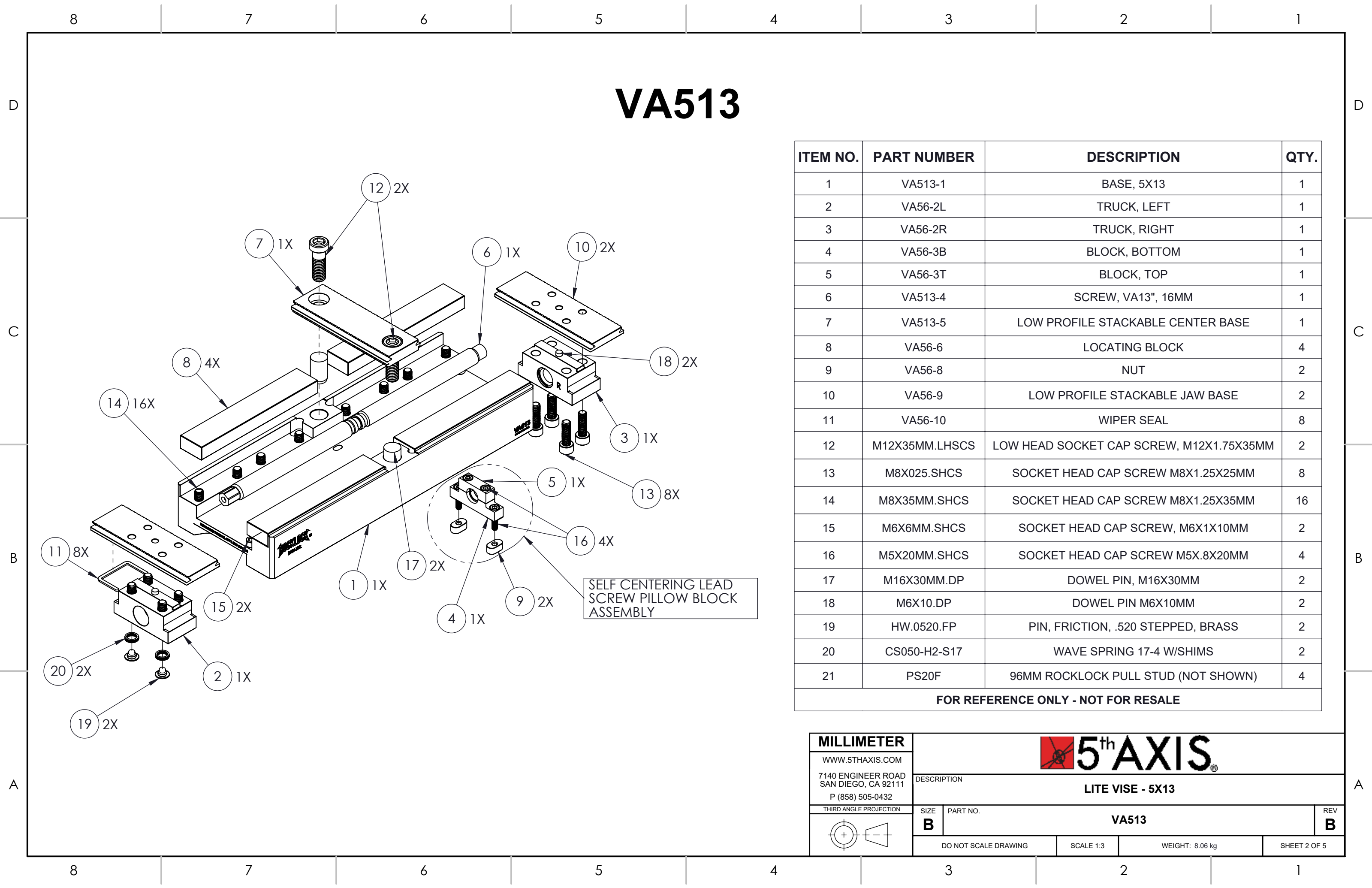


TECHNICAL DATA	VA513
JAW WIDTH	4.95" (125.73mm)
BASE LENGTH	13.56" (344.4mm)
CLAMPING FORCE	5000 lbf @ 45 ft-lb (22 kN @ 60 Nm)
MAXIMUM TORQUE (LEADSCREW)	45 ft-lb (60 Nm)

VA513



MILLIMETER				
WWW.5THAXIS.COM		DESCRIPTION		
7140 ENGINEER ROAD SAN DIEGO, CA 92111 P (858) 505-0432		LITE VISE - 5X13		
THIRD ANGLE PROJECTION		SIZE B	PART NO. VA513	REV B
		DO NOT SCALE DRAWING	SCALE 1:3	WEIGHT: 8.06 kg
		SHEET 1 OF 5		



VA513

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	VA513-1	BASE, 5X13	1
2	VA56-2L	TRUCK, LEFT	1
3	VA56-2R	TRUCK, RIGHT	1
4	VA56-3B	BLOCK, BOTTOM	1
5	VA56-3T	BLOCK, TOP	1
6	VA513-4	SCREW, VA13", 16MM	1
7	VA513-5	LOW PROFILE STACKABLE CENTER BASE	1
8	VA56-6	LOCATING BLOCK	4
9	VA56-8	NUT	2
10	VA56-9	LOW PROFILE STACKABLE JAW BASE	2
11	VA56-10	WIPER SEAL	8
12	M12X35MM.LHSCS	LOW HEAD SOCKET CAP SCREW, M12X1.75X35MM	2
13	M8X025.SHCS	SOCKET HEAD CAP SCREW M8X1.25X25MM	8
14	M8X35MM.SHCS	SOCKET HEAD CAP SCREW M8X1.25X35MM	16
15	M6X6MM.SHCS	SOCKET HEAD CAP SCREW, M6X1X10MM	2
16	M5X20MM.SHCS	SOCKET HEAD CAP SCREW M5X.8X20MM	4
17	M16X30MM.DP	DOWEL PIN, M16X30MM	2
18	M6X10.DP	DOWEL PIN M6X10MM	2
19	HW.0520.FP	PIN, FRICTION, .520 STEPPED, BRASS	2
20	CS050-H2-S17	WAVE SPRING 17-4 W/SHIMS	2
21	PS20F	96MM ROCKLOCK PULL STUD (NOT SHOWN)	4
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MILLIMETER

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7140 ENGINEER ROAD
SAN DIEGO, CA 92111

P (858) 505-0432

THIRD ANGLE PROJECTION

DESCRIPTION

LITE VISE - 5X13

SIZE

B

PART NO.

VA513

REV

B

DO NOT SCALE DRAWING

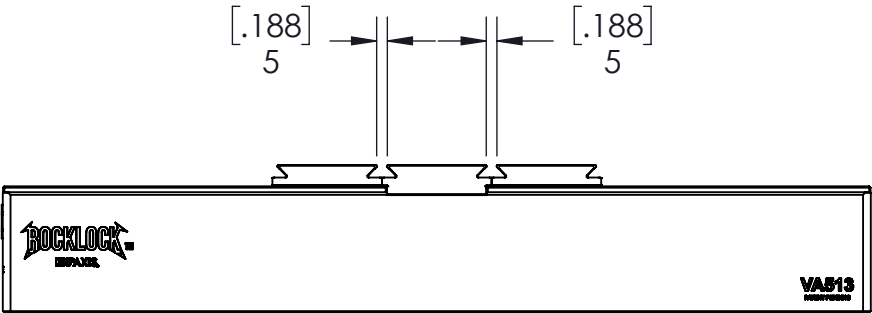
SCALE 1:3

WEIGHT: 8.06 kg

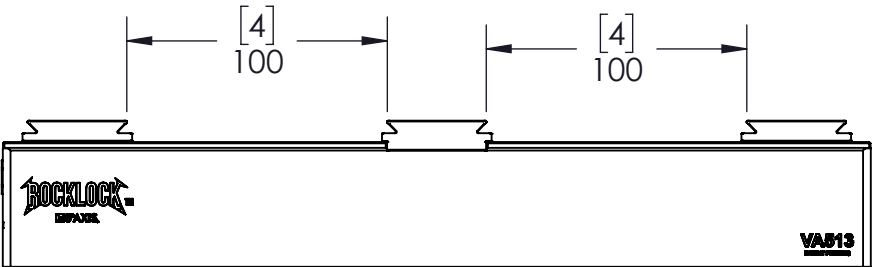
SHEET 2 OF 5

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

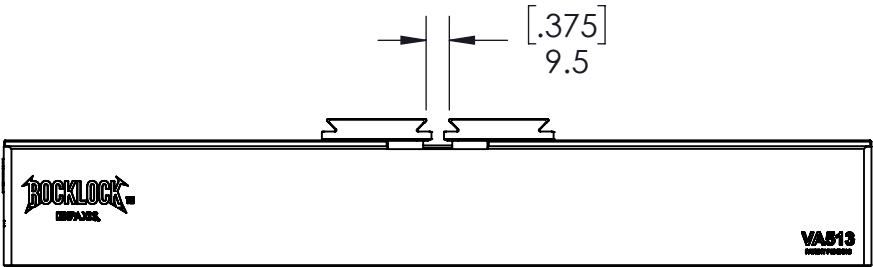
VA513



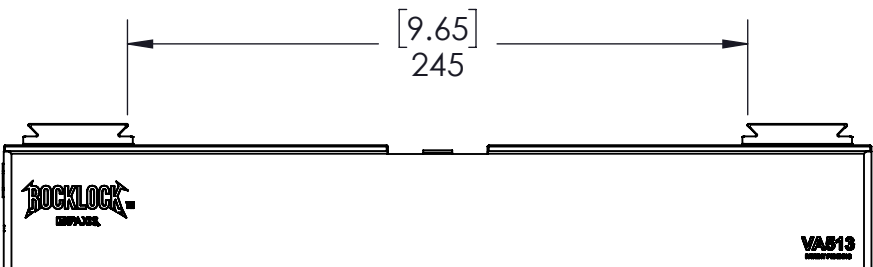
DOUBLE STATION (MINIMUM CLAMPING RANGE)



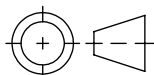
DOUBLE STATION (MAXIMUM CLAMPING RANGE)



SELF CENTERING (MINIMUM CLAMPING RANGE)

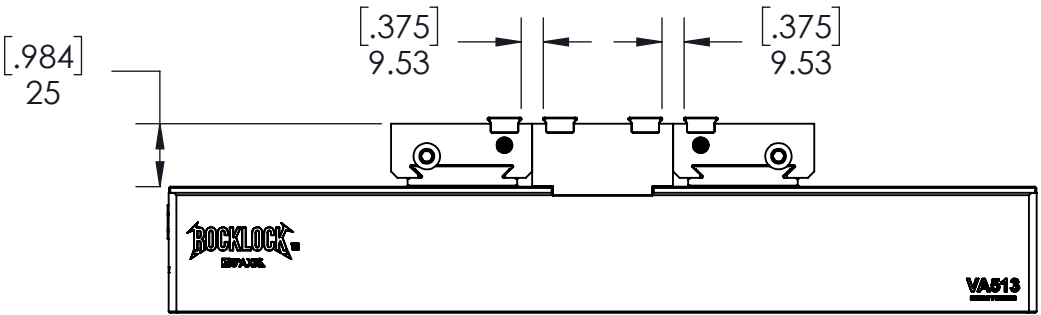


SELF CENTERING (MAXIMUM CLAMPING RANGE)

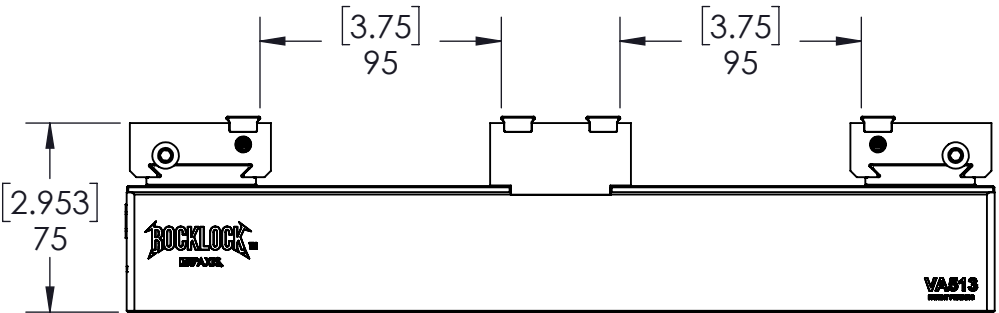
MILLIMETER		 5 th AXIS®			
WWW.5THAXIS.COM					
7140 ENGINEER ROAD SAN DIEGO, CA 92111 P (858) 505-0432		DESCRIPTION			
		LITE VISE - 5X13			
THIRD ANGLE PROJECTION		SIZE	PART NO.		REV
		B	VA513		B
DO NOT SCALE DRAWING		SCALE 1:3		WEIGHT: 8.06 kg	SHEET 3 OF 5

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

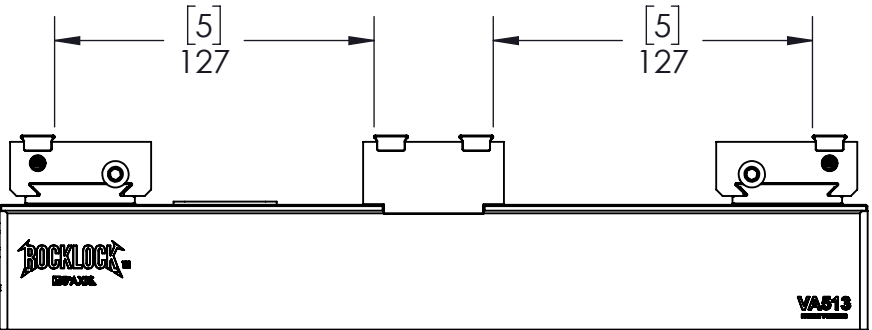
VA513 SHOWN W/ OPTIONAL VA513-GJ-A



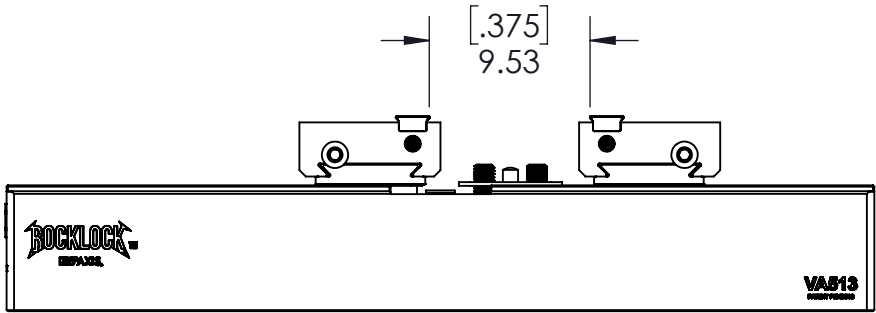
DOUBLE STATION (MINIMUM CLAMPING RANGE)



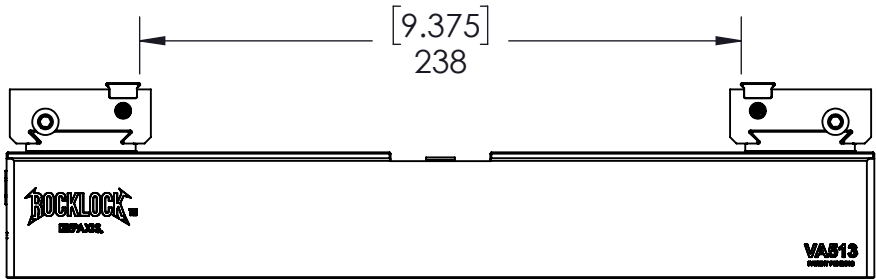
DOUBLE STATION (MAXIMUM CLAMPING RANGE)



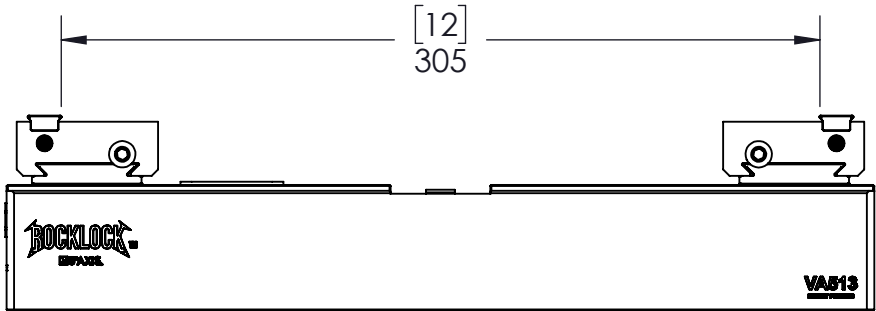
DOUBLE STATION W/JAWS REVERSED (MAXIMUM CLAMPING RANGE)



SELF CENTERING (MINIMUM CLAMPING RANGE)

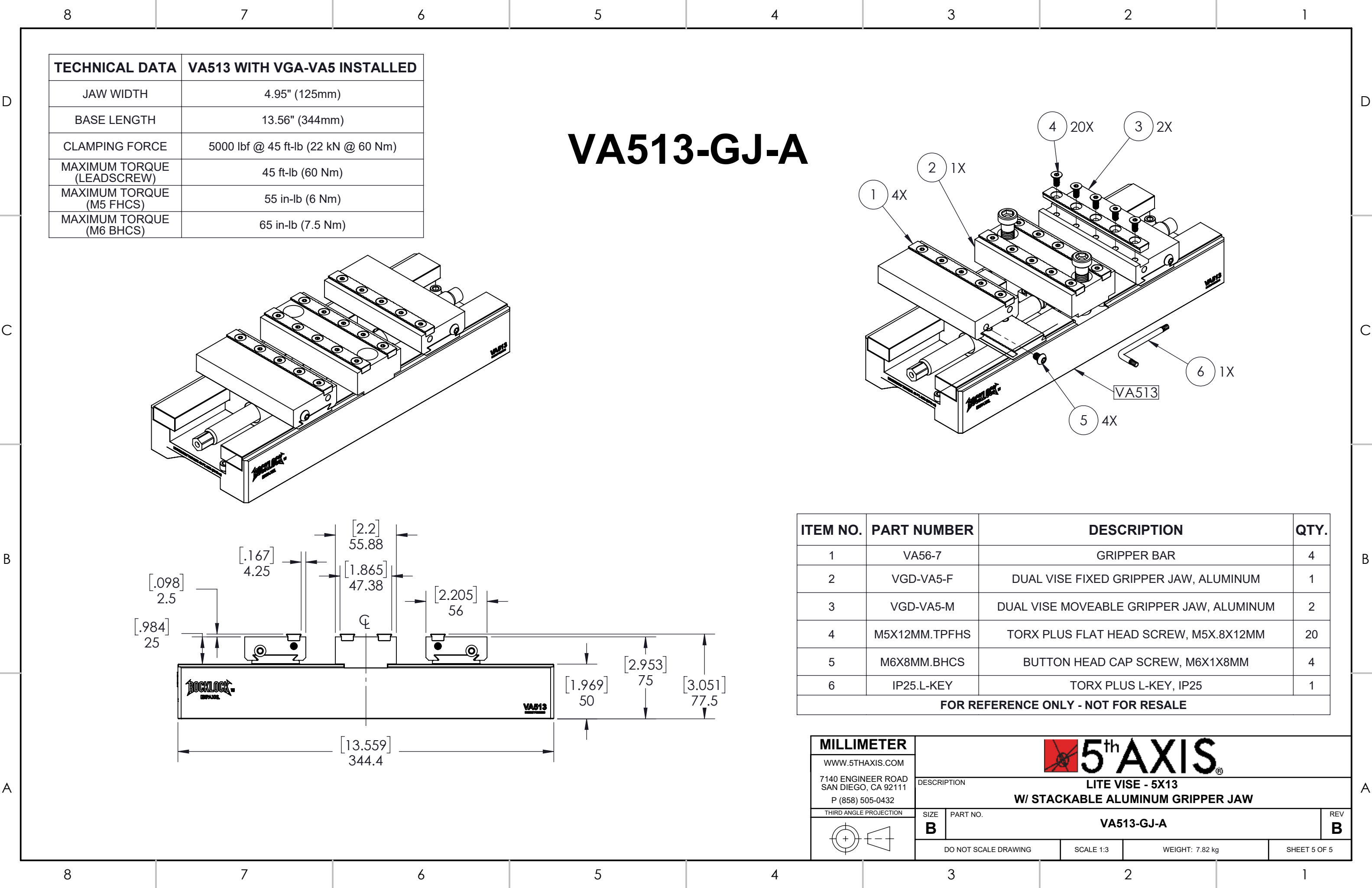


SELF CENTERING (MAXIMUM CLAMPING RANGE)



SELF CENTERING W/JAWS REVERSED (MAXIMUM CLAMPING RANGE)

MILLIMETER		5 th AXIS		
WWW.5THAXIS.COM		DESCRIPTION		
7140 ENGINEER ROAD SAN DIEGO, CA 92111		LITE VISE - 5X13		
P (858) 505-0432		PART NO. VA513		
THIRD ANGLE PROJECTION		SIZE B	REV B	
DO NOT SCALE DRAWING		SCALE 1:3	WEIGHT: 8.06 kg	SHEET 4 OF 5



VA513-GJ-A

TECHNICAL DATA	VA513 WITH VGA-VA5 INSTALLED
JAW WIDTH	4.95" (125mm)
BASE LENGTH	13.56" (344mm)
CLAMPING FORCE	5000 lbf @ 45 ft-lb (22 kN @ 60 Nm)
MAXIMUM TORQUE (LEADSCREW)	45 ft-lb (60 Nm)
MAXIMUM TORQUE (M5 FHCS)	55 in-lb (6 Nm)
MAXIMUM TORQUE (M6 BHCS)	65 in-lb (7.5 Nm)

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	VA56-7	GRIPPER BAR	4
2	VGD-VA5-F	DUAL VISE FIXED GRIPPER JAW, ALUMINUM	1
3	VGD-VA5-M	DUAL VISE MOVEABLE GRIPPER JAW, ALUMINUM	2
4	M5X12MM.TPFHS	TORX PLUS FLAT HEAD SCREW, M5X.8X12MM	20
5	M6X8MM.BHCS	BUTTON HEAD CAP SCREW, M6X1X8MM	4
6	IP25.L-KEY	TORX PLUS L-KEY, IP25	1
FOR REFERENCE ONLY - NOT FOR RESALE			

MILLIMETER

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7140 ENGINEER ROAD
SAN DIEGO, CA 92111

P (858) 505-0432

THIRD ANGLE PROJECTION

DESCRIPTION

LITE VISE - 5X13
W/ STACKABLE ALUMINUM GRIPPER JAW

SIZE
B

PART NO.
VA513-GJ-A

REV
B

DO NOT SCALE DRAWING

SCALE 1:3

WEIGHT: 7.82 kg

SHEET 5 OF 5