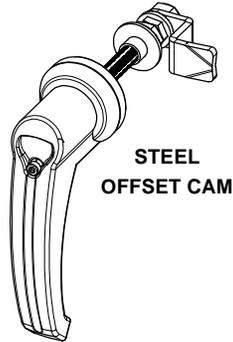
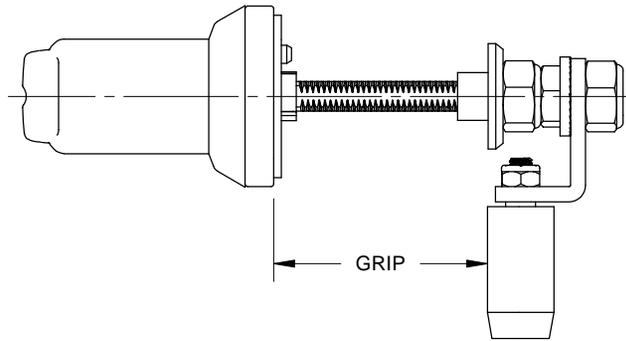




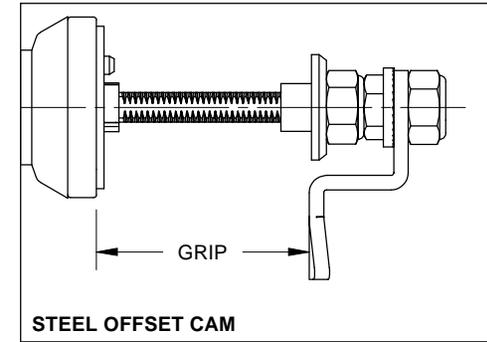
**PLASTIC ROLLER CAM**



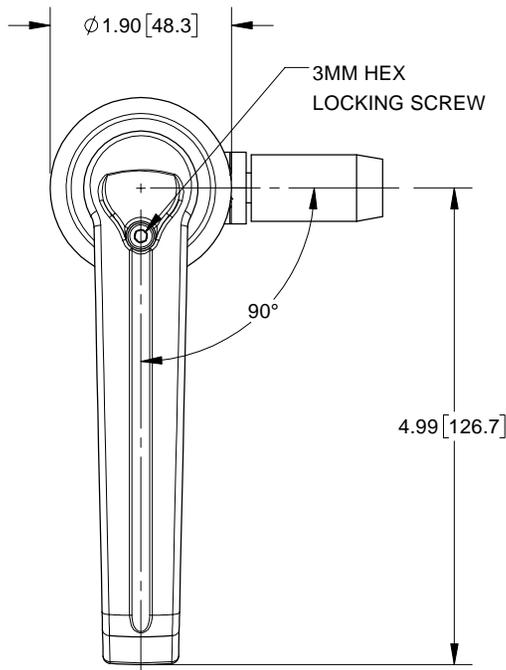
**STEEL OFFSET CAM**



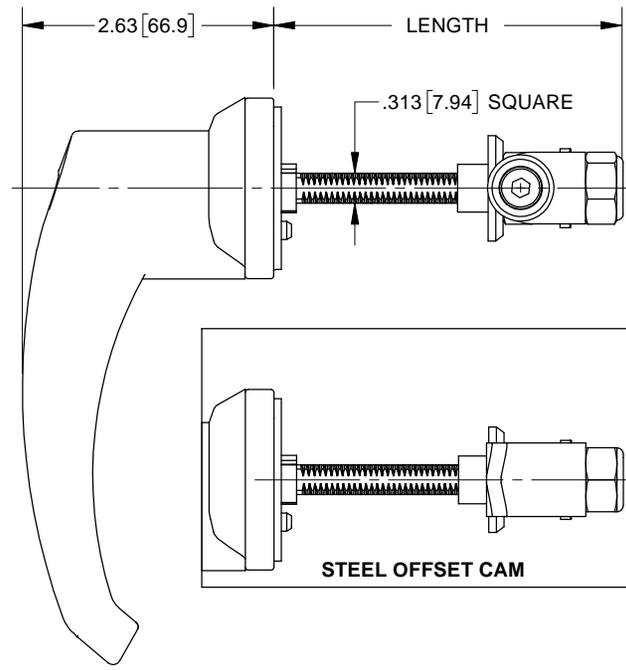
**RIGHT SIDE VIEW**



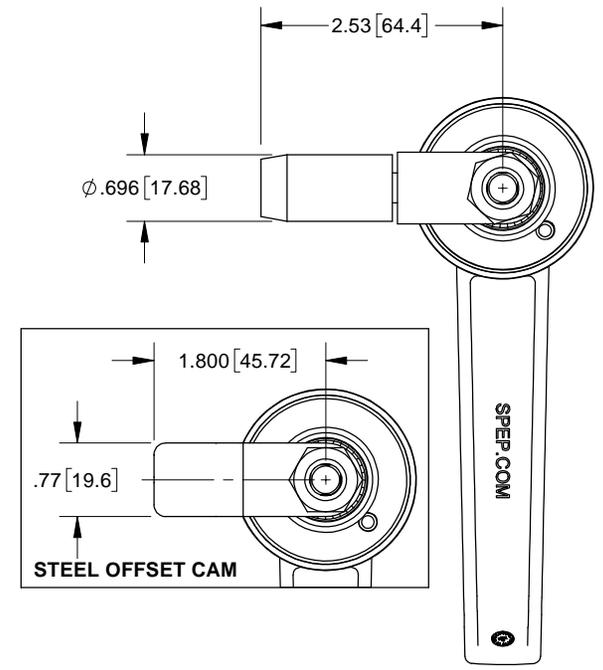
**STEEL OFFSET CAM**



**BACK VIEW**



**RIGHT SIDE VIEW**



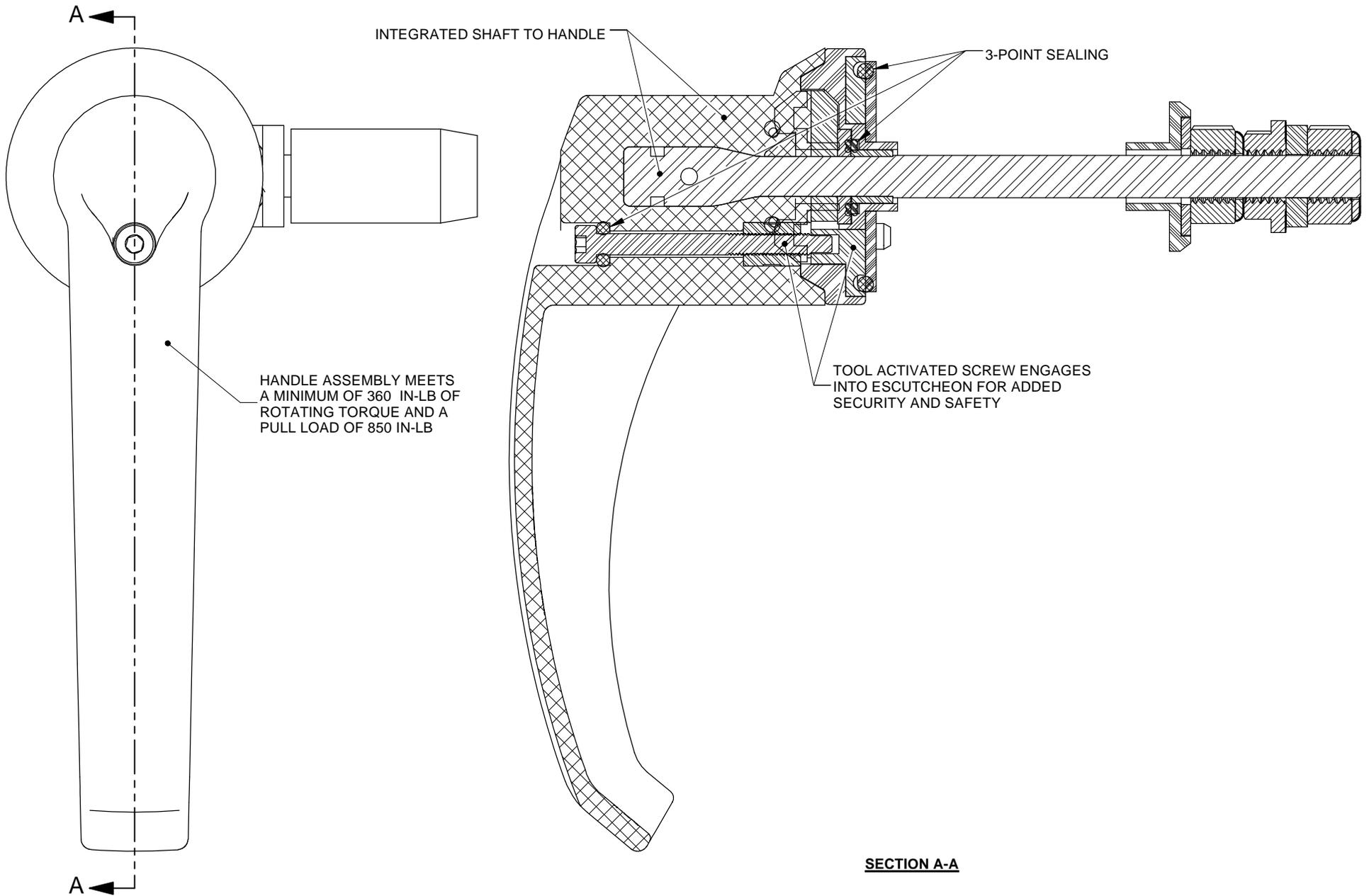
**FRONT VIEW**

**NOTES:**

1. MATERIAL: GLASS REINFORCED PLASTIC WITH UV INHIBITORS
2. DIMENSIONS IN BRACKETS ARE IN METRIC.

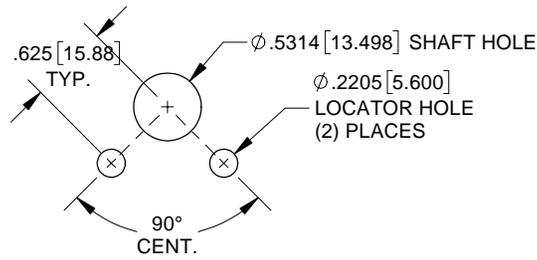
PART NO.	CAM TYPE	LENGTH	GRIP
1153	PLASTIC ROLLER CAM	3.66 [93.0]	.35 [8.9] - 2.25 [57.2]
1153-01	STEEL OFFSET CAM	3.66 [93.0]	.35 [8.9] - 2.25 [57.2]
1153-02	PLASTIC ROLLER CAM	5.66 [143.8]	.35 [8.9] - 4.25 [108.0]

<p><b>SIERRA PACIFIC</b> ENGINEERING AND PRODUCTS © SPEP.COM</p>		UNSPECIFIED TOLERANCES		MATERIAL: SEE NOTE - SHEET (1)	PART NUMBER: SEE TABLE	
		ANGLES: ±3°		FINISH: BLACK	DESCRIPTION: PLASTIC L-HANDLE WITH ROLLER CAM OR OFFSET CAM	
CONFIDENTIAL PROPRIETARY INFORMATION	PLOT DATE: 6/14/2016	INCHES	MM	UNITS: INCHES	THIRD ANGLE PROJECTION	
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		.XXX ±.015	.XX ±.38	WEIGHT: 0.266		SIZE: A
		.XXXX ±.005	.XXX ±.13	SHEET 1 OF 3		
				DWG. NO. 17836-1153		

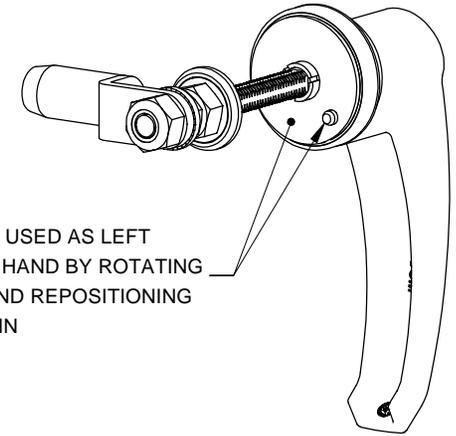


<p align="center"><b>SIERRA PACIFIC</b> ENGINEERING AND PRODUCTS © SPEP.COM</p>		UNSPECIFIED TOLERANCES		MATERIAL: SEE NOTE - SHEET (1)	PART NUMBER: SEE TABLE		
		ANGLES: ±3°		FINISH: BLACK	DESCRIPTION:		
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		.XX ±.030	.X ±.76	SCALE: 1:1			
		.XXX ±.015	.XX ±.38	WEIGHT: 0.266		SIZE: A	SHEET 2 OF 3
		.XXXX ±.005	.XXX ±.13	DWG. NO. 17836-1153			

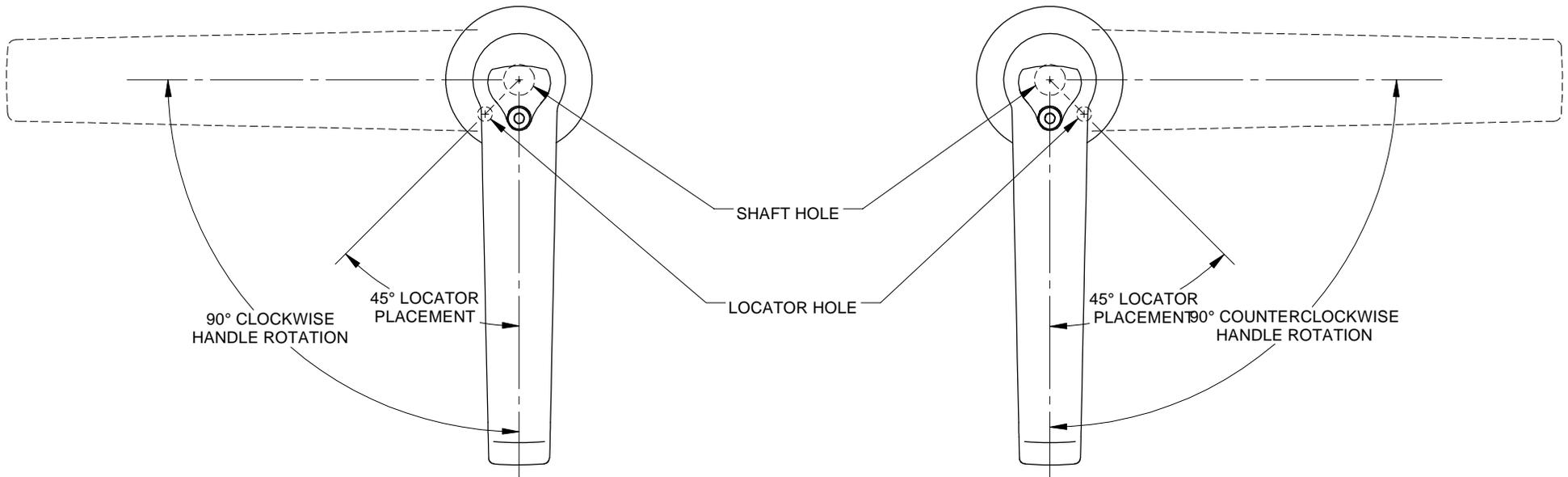
YOU MAY PUNCH ALL THREE HOLES FOR THE OPTION OF  
 INSTALLING HANDLE IN EITHER A CLOCKWISE OR  
 COUNTERCLOCKWISE DIRECTION (SEE CUT-OUT VIEW)  
 OR  
 YOU MAY ONLY PUNCH THE TWO HOLES NEEDED AT A  
 45° ANGLE FOR YOUR INSTALLATION (SEE VIEWS BELOW)



**CUT-OUT DETAILS**



HANDLE MAY BE USED AS LEFT  
 HAND OR RIGHT HAND BY ROTATING  
 ESCUTCHEON AND REPOSITIONING  
 THE LOCATOR PIN



**LOCATOR PLACEMENT FOR  
 90° CLOCKWISE HANDLE ROTATION**

**LOCATOR PLACEMENT FOR  
 90° COUNTER-CLOCKWISE HANDLE ROTATION**

**NOTES:**

1. PLACEMENT OF ESCUTCHEON LOCATOR DETERMINES HANDLE ROTATION.
2. DIMENSIONS IN BRACKETS ARE IN METRIC.

<p><b>SIERRA PACIFIC</b>          ENGINEERING AND PRODUCTS © SPEP.COM</p>		UNSPECIFIED TOLERANCES		MATERIAL: SEE NOTE - SHEET (1)	PART NUMBER: SEE TABLE
		ANGLES: ±3°		FINISH: BLACK	DESCRIPTION: PLASTIC L-HANDLE WITH ROLLER CAM OR OFFSET CAM
CONFIDENTIAL PROPRIETARY INFORMATION	PLOT DATE: 6/14/2016	INCHES	MM	UNITS: INCHES	
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		.XXX ±.015	.XX ±.38	WEIGHT: 0.266	
		.XXXX ±.005	.XXX ±.13	DWG. NO. 17836-1153	