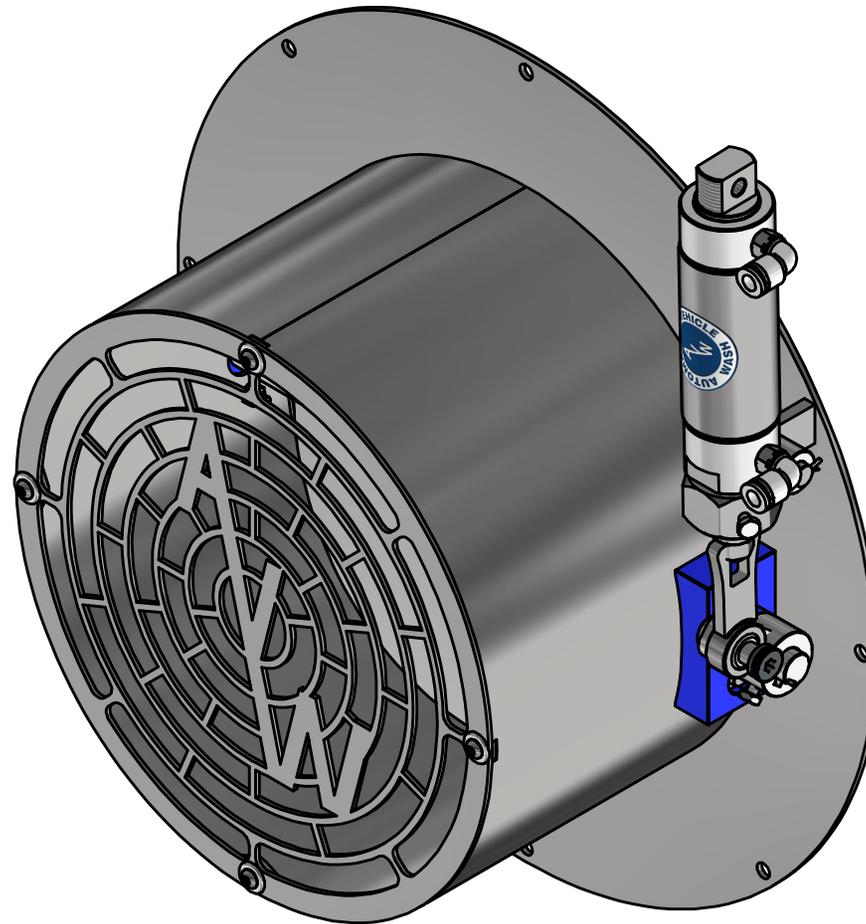


BL1DC-2678 - Blower Intake Gate (B.I.G)



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CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: Blower Intake Gate (B.I.G)	
RELEASE DATE	9/23/2021	PART NUMBER: BL1DC-2678	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 1 of 28

REVISION HISTORY

ECO No.	REV	DESCRIPTION	DATE	ENGINEER	APPROVED
	1	INITIAL RELEASE	01/25/2022	JIBIN	
	1				



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DRAWN BY

Jibin

CUSTOMER: AVW EQUIPMENT CO.

CHECKED BY

PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly

QTY

DESCRIPTION:

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RELEASE DATE

9/23/2021

PART NUMBER:

REV# 1

DIMENSION ARE IN INCHES & PROVIDED PRIOR
 TO SURFACE TREATMENTS, UNLESS NOTED.

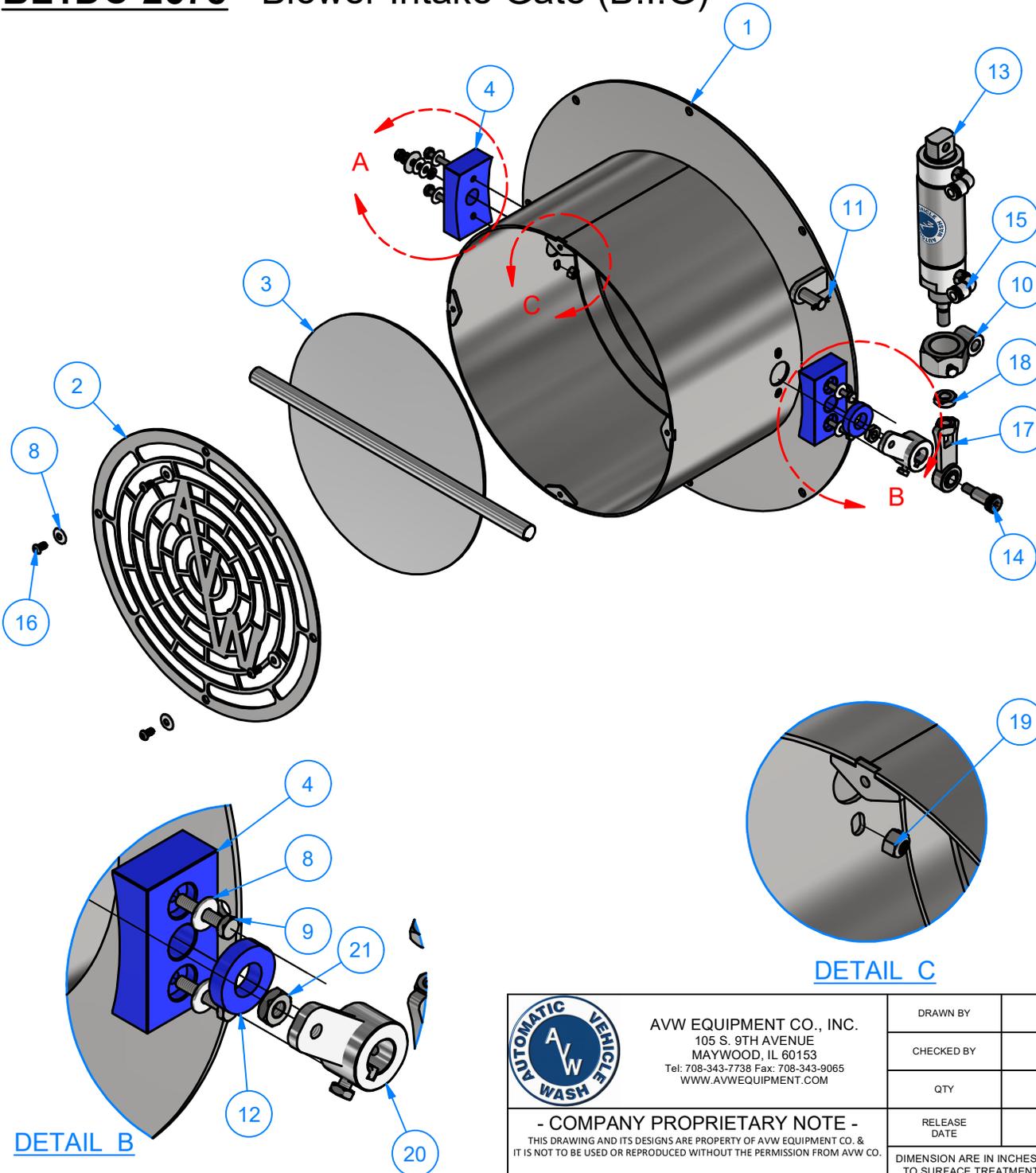
SIZE
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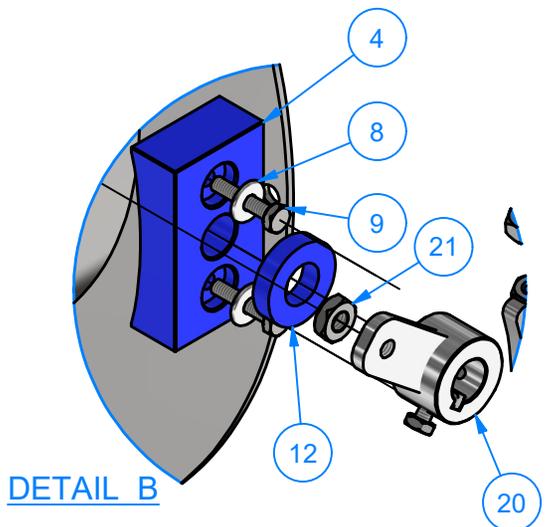
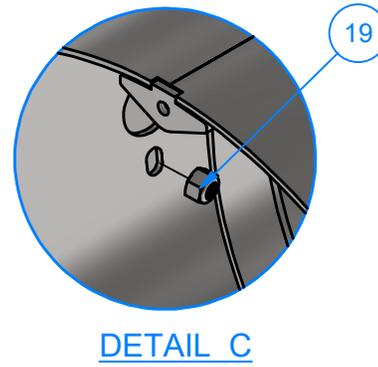
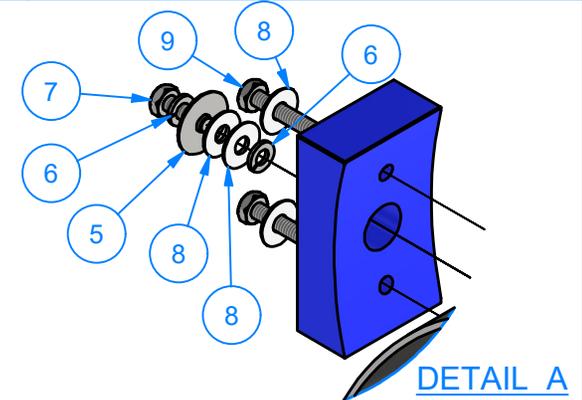
SHEET 2 of 28

PATH:

BL1DC-2678 - Blower Intake Gate (B.I.G)



Parts List		
ITEM	QTY	DESCRIPTION
1	1	Air Intake Weld Sub Assy.
2	1	Gate with Logo #12Ga x 14" O.D.
3	1	Air Gate Valve Sub Assy.
4	2	3 1/2"x2"x1" UHMW BRACKET
5	1	1/4" W Flat Washer
6	2	1/4" Split Lock Washer
7	1	1/4"-20 x 3/4" Hex Screw
8	10	1/4" Flat Washer
9	4	1/4" - 20 UNC x 1.25" HEX SCREW
10	1	Cylinder Mount Bracket
11	1	Cotter Pin_ 3/32 x 3/4 Square Cut type
12	1	UHMW Spacer 3/4" IDx 1 1/2" OD
13	1	Air Cylinder 2" x 3"
14	1	Shoulder Bolt: 1/2"D x 1" LGx 3/8"-16 Thread
15	2	3/8"x1/4"MNPT Elbow Air Push Fitting
16	4	Button Head Cap Screw 1/4-20 x 1/2" LG.
17	1	Ball Joint End Rod
18	1	1/2"-20 Heavy Hex Jam Nut
19	4	Nylon Lock Nut 1/4"-20
20	1	Blower Cam Arm Assy.
21	1	3/8"-16 Heavy Hex Jam Nut

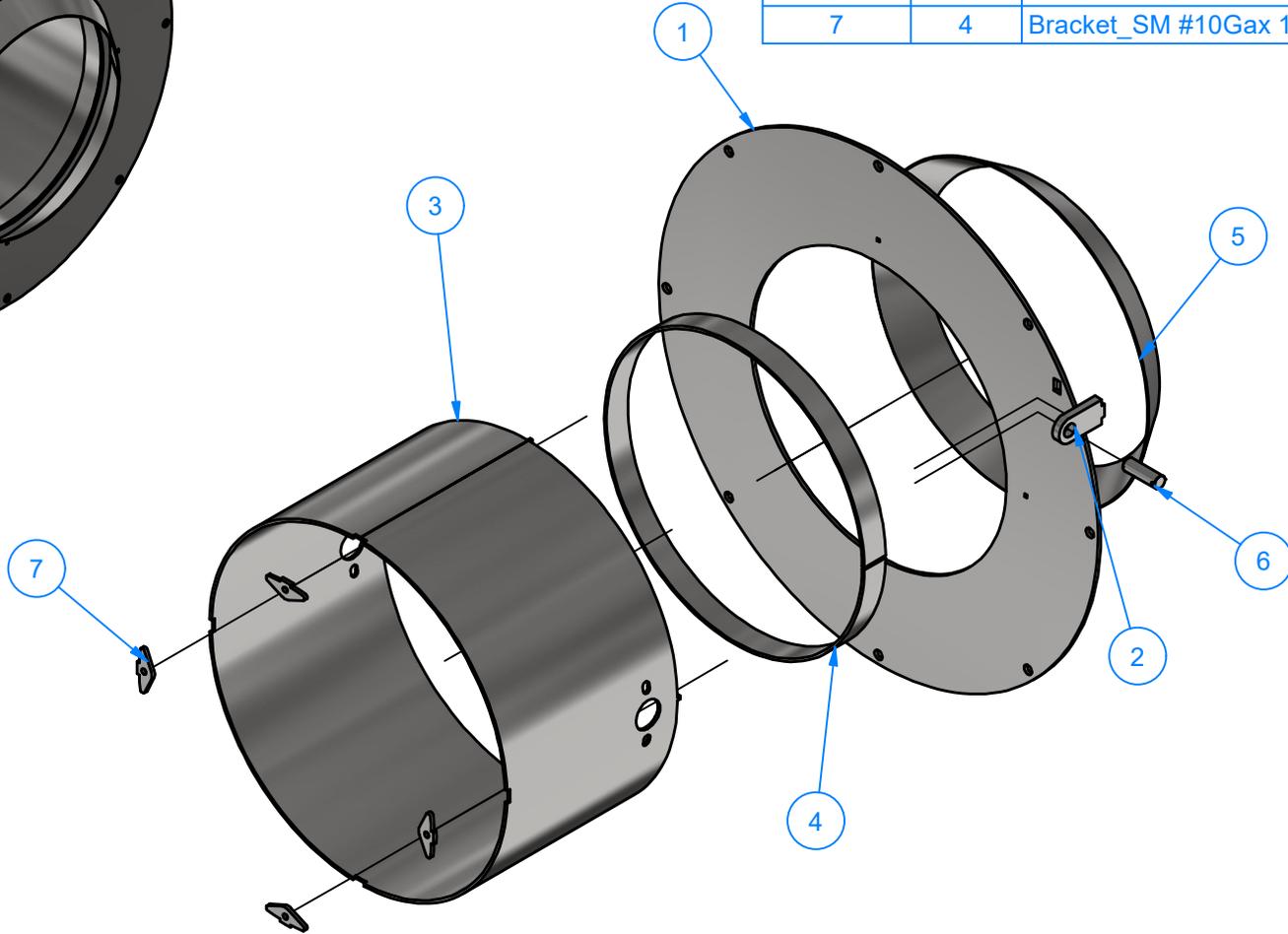
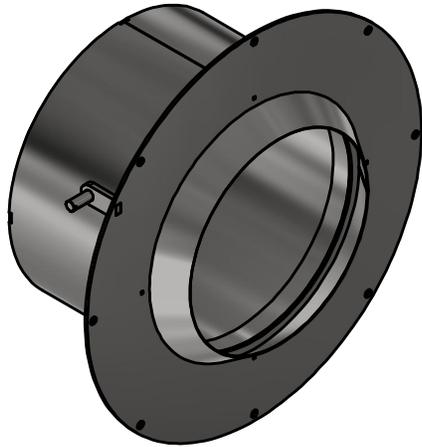


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CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: Blower Intake Gate (B.I.G)	
RELEASE DATE	9/23/2021	PART NUMBER: BL1DC-2678	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 3 of 28

BL1DCA-2678 - Air Intake Weld Sub Assy.



Parts List		
ITEM	QTY	DESCRIPTION
1	1	Blower Back Plate - #10Ga 20 5_8 in OD
2	1	Back Plate Post #5/16"x2 1/8"x1"
3	1	Side Ring Sheet Metal #12Gax 8 1/8"x 43 1/2"
4	1	Sheet Metal #12Ga. x 1" x 38 3/8" LG.
5	1	Back Blower Cone_SM #18Gax 11 3/4" ODx 10" ID
6	1	Pin 1/2" OD x 1 1/2" LG.
7	4	Bracket_SM #10Gax 1 7/8"x 3/4"

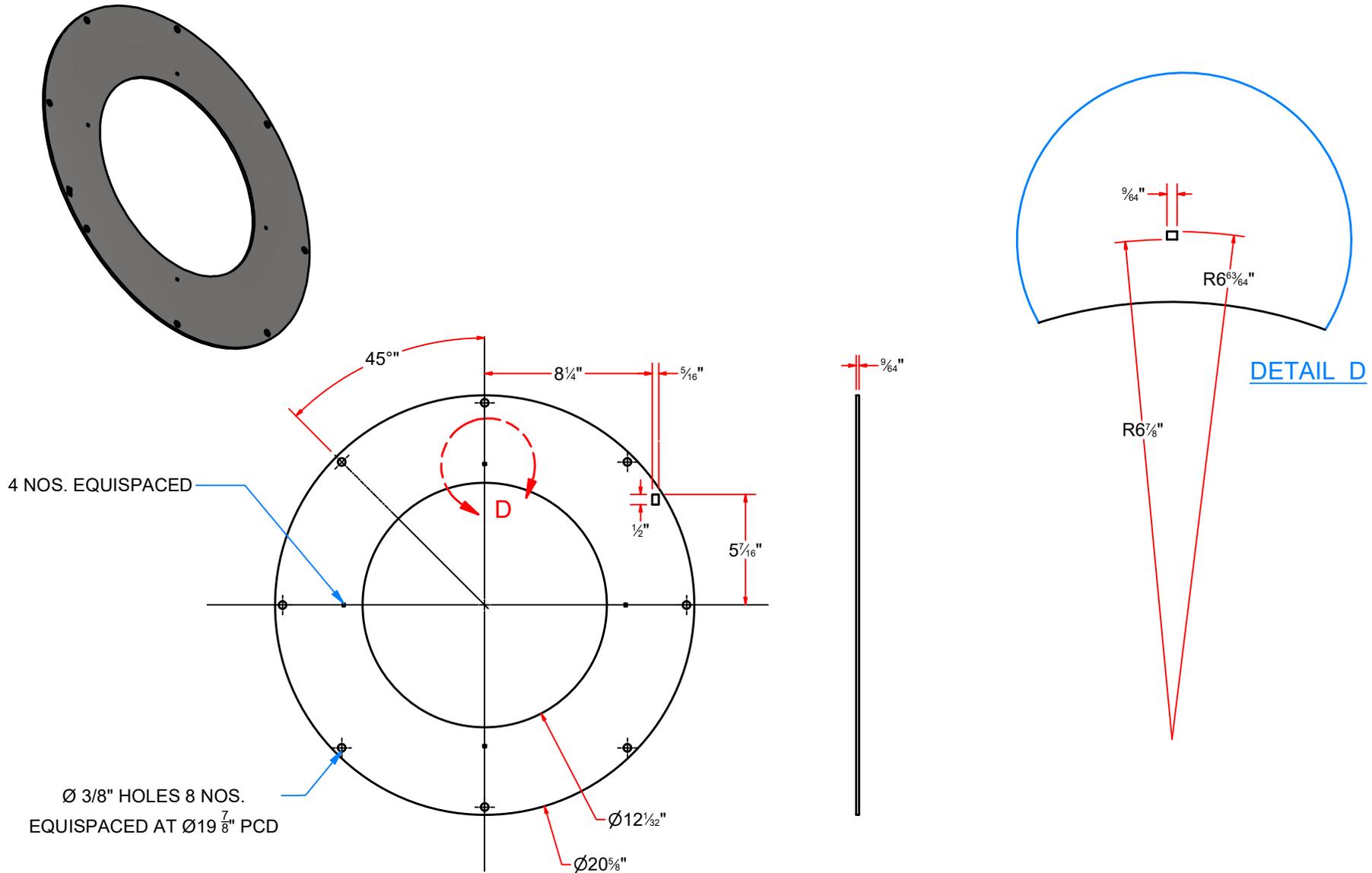


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CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: Air Intake Weld Sub Assy.	
RELEASE DATE	9/23/2021	PART NUMBER: BL1DCA-2678	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 4 of 28

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BL1DCAA-2678 - Blower Back Plate - #10Ga 20 5_8 in OD

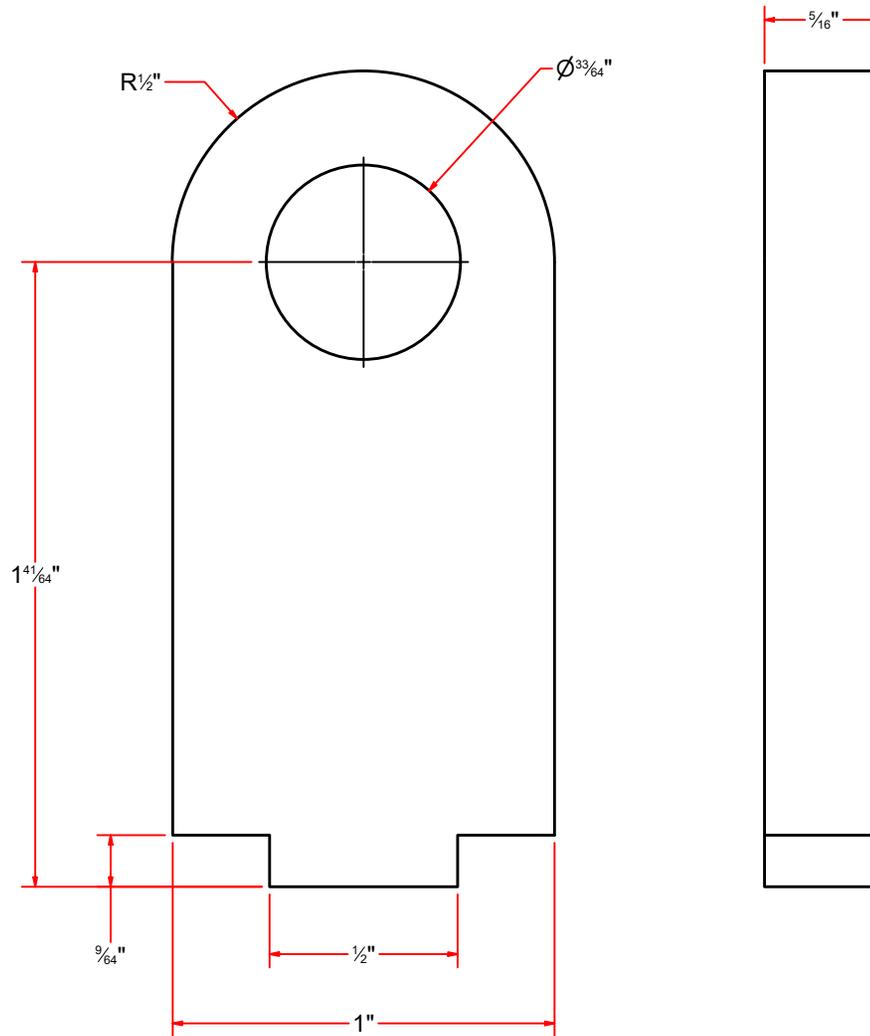
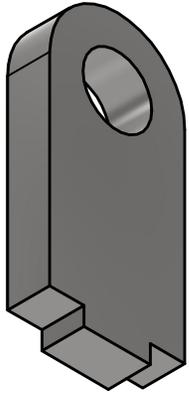


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CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: Blower Back Plate - #10Ga 20 5_8 in OD	
RELEASE DATE	9/23/2021	PART NUMBER: BL1DCAA-2678	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 5 of 28

BL1DCAB-2678 - Back Plate Post #5/16"x2 1/8"x1"

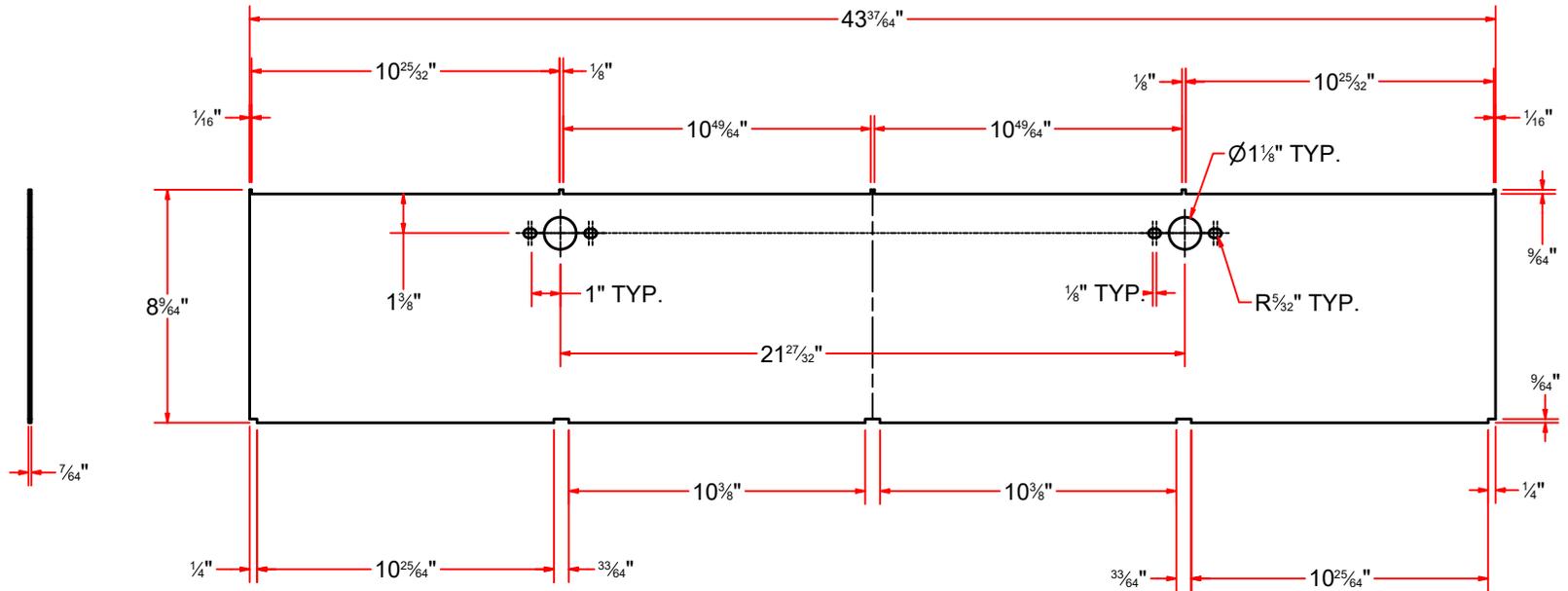
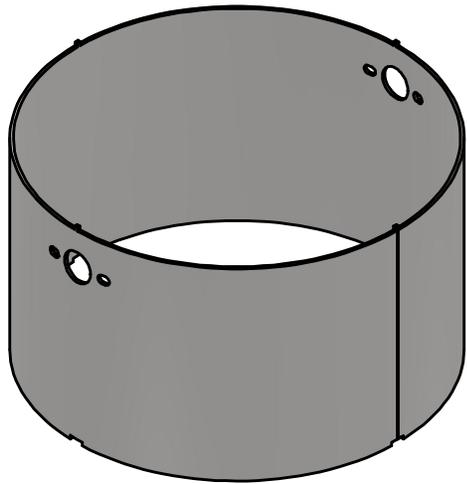


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CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: Back Plate Post #5/16"x2 1/8"x1"	
RELEASE DATE	9/23/2021	PART NUMBER: BL1DCAB-2678	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 6 of 28

BL1DCAC-2678 - Side Ring Sheet Metal #12Gax 8 1/8"x 43 1/2"

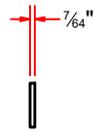
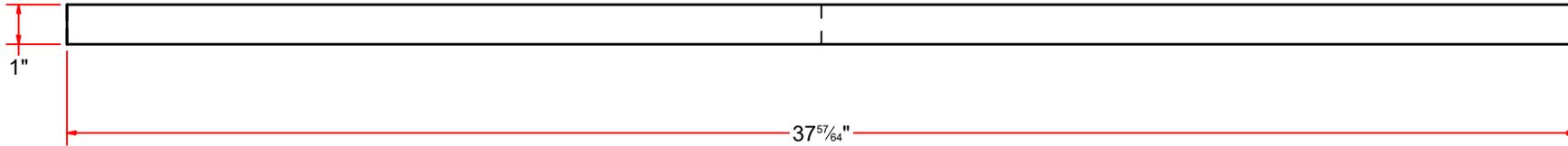
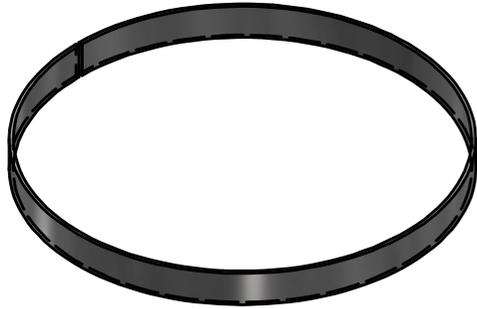


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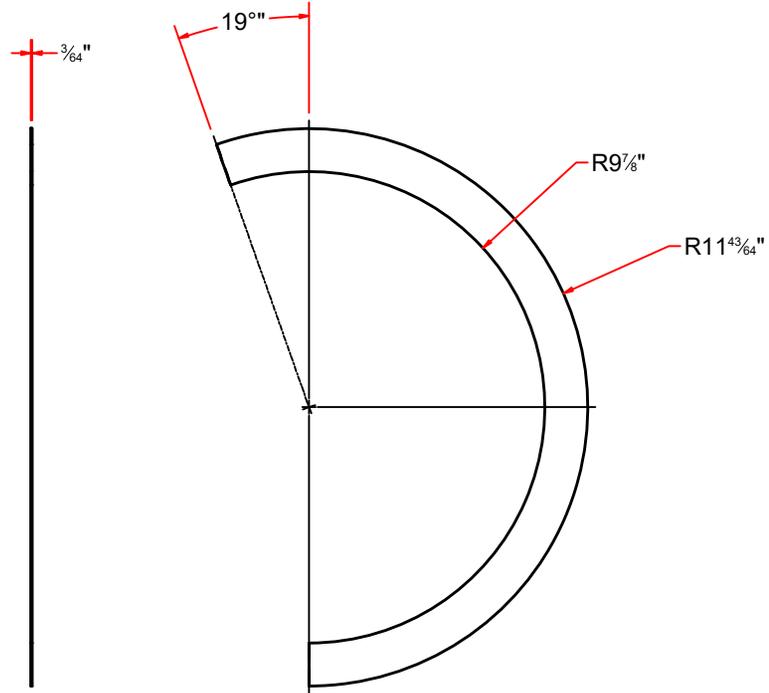
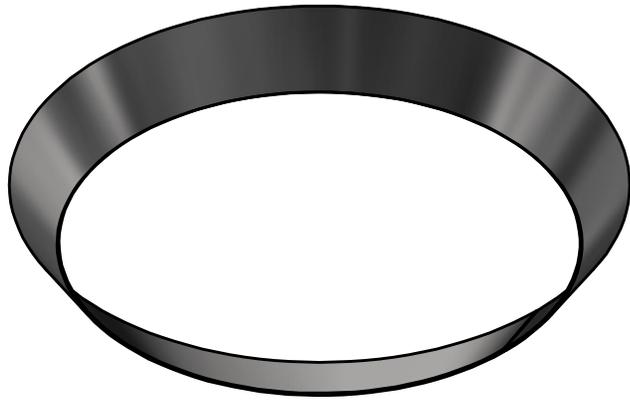
DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: Side Ring Sheet Metal #12Gax 8 1/8"x 43 1/2"	
RELEASE DATE	9/23/2021	PART NUMBER: BL1DCAC-2678	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT:
			SHEET 7 of 28

BL1DCAD-2678 - Sheet Metal #12Ga. x 1" x 38 3/8" LG.



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			CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
			QTY		DESCRIPTION: Sheet Metal #12Ga. x 1" x 38 3/8" LG.	
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			DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 8 of 28
PATH:L:\Designs\Product Lines\Blower\BL1DC-2678 - Air Intake Regulating Gate\Parts\BL1DC-2678_Inside Ring - #10Ga x 12in OD.ipt						

BL1DCAE-2678 - Back Blower Cone_SM #18Gax 11 3/4" ODx 10" ID

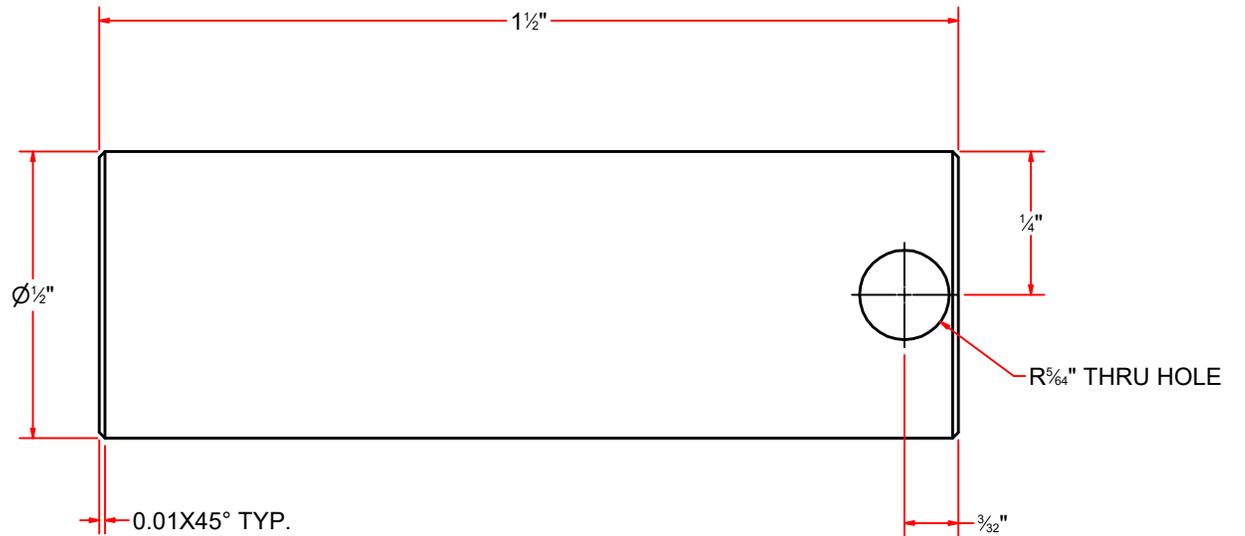
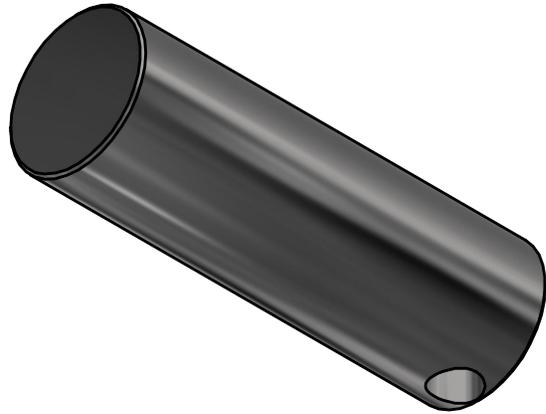


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CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: Back Blower Cone_SM #18Gax 11 3/4" ODx 10" ID	
RELEASE DATE	9/23/2021	PART NUMBER: BL1DCAE-2678	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 9 of 28

BL1DCAF-2678 - Pin 1/2" OD x 1 1/2" LG.

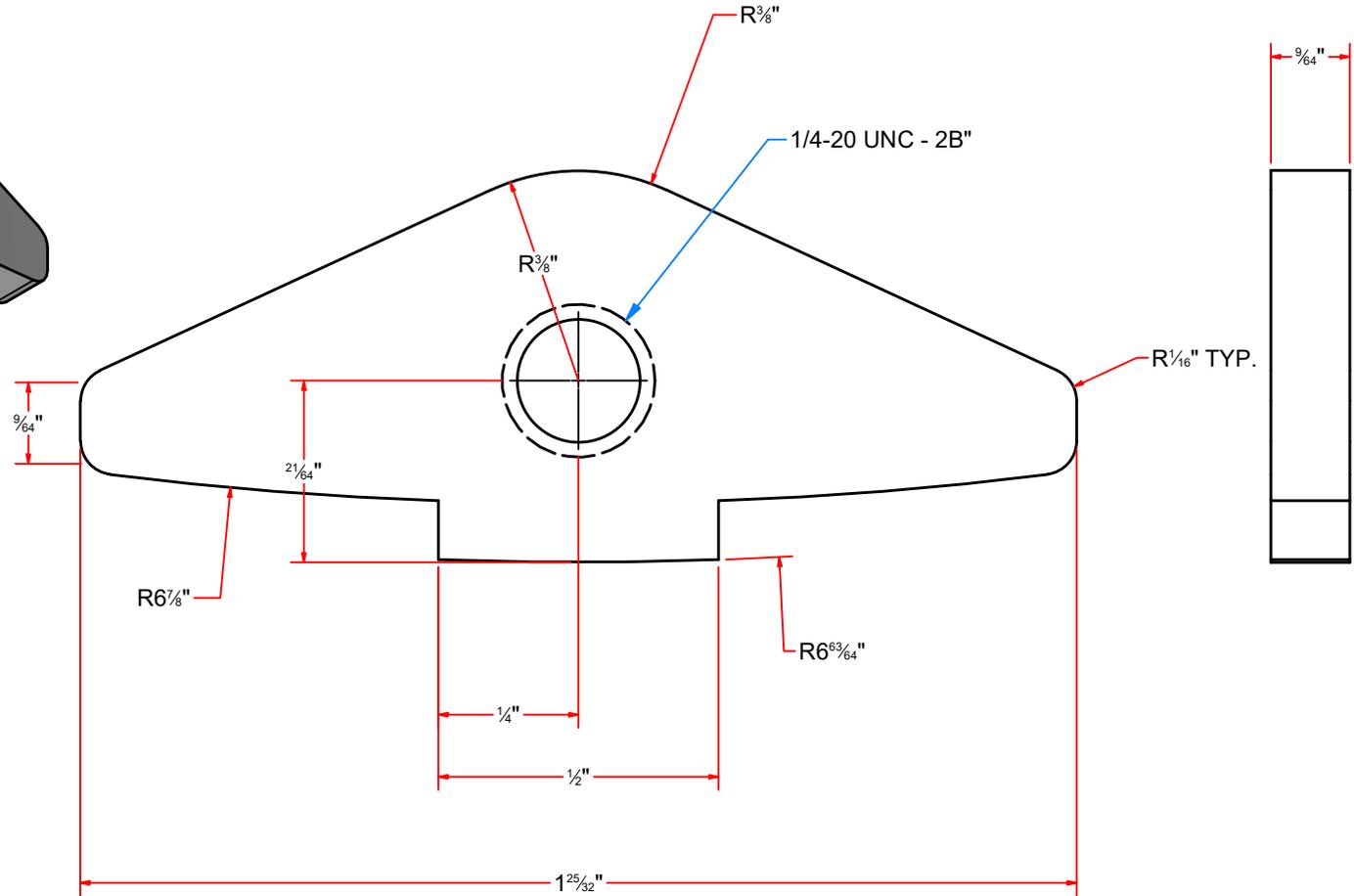
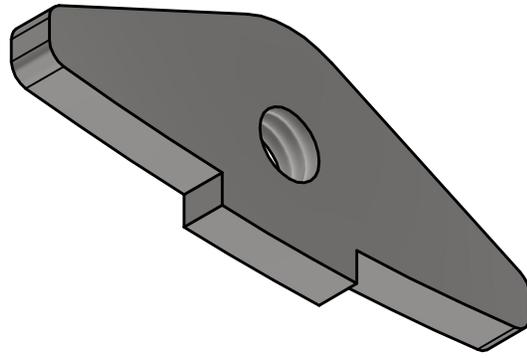


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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: Pin 1/2" OD x 1 1/2" LG.	
RELEASE DATE	9/23/2021	PART NUMBER: BL1DCAF-2678	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 10 of 28

BL1DCAG-2678 - Bracket_SM #10Gax 1 7/8"x 3/4"



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DRAWN BY

Jibin

CUSTOMER: AVW EQUIPMENT CO.

CHECKED BY

PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly

QTY

DESCRIPTION: Bracket_SM #10Gax 1 7/8"x 3/4"

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RELEASE DATE

9/23/2021

PART NUMBER: BL1DCAG-2678

REV# 1

DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.

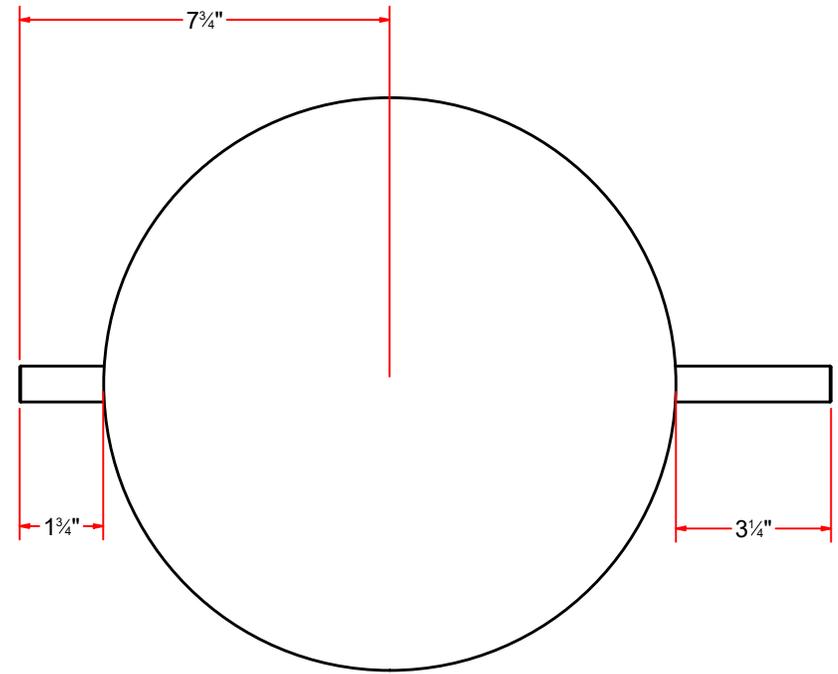
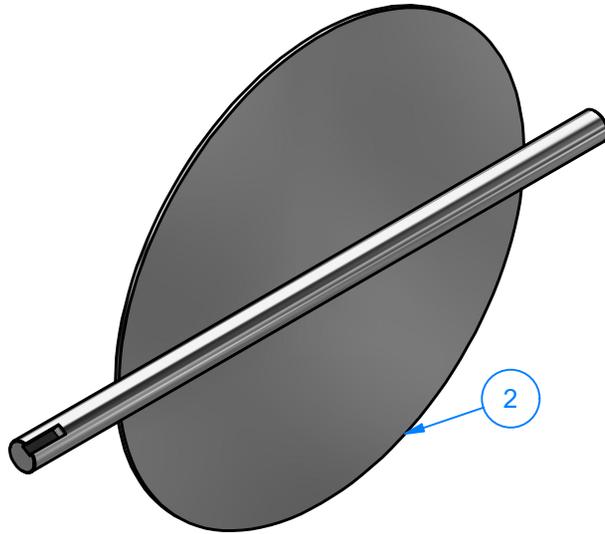
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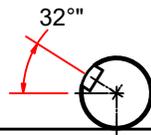
SHEET 11 of 28

BL1DCB-2678 - Air Gate Valve Sub Assy.

Parts List		
ITEM	QTY	DESCRIPTION
1	1	Round Bar 3/4" O.D. x 17" LG.
2	1	Sheet Metal #10Ga. x 12" O.D.



VIEW26



VIEW27

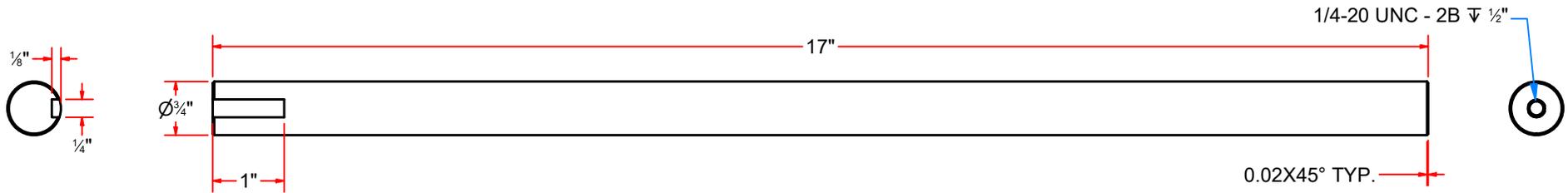
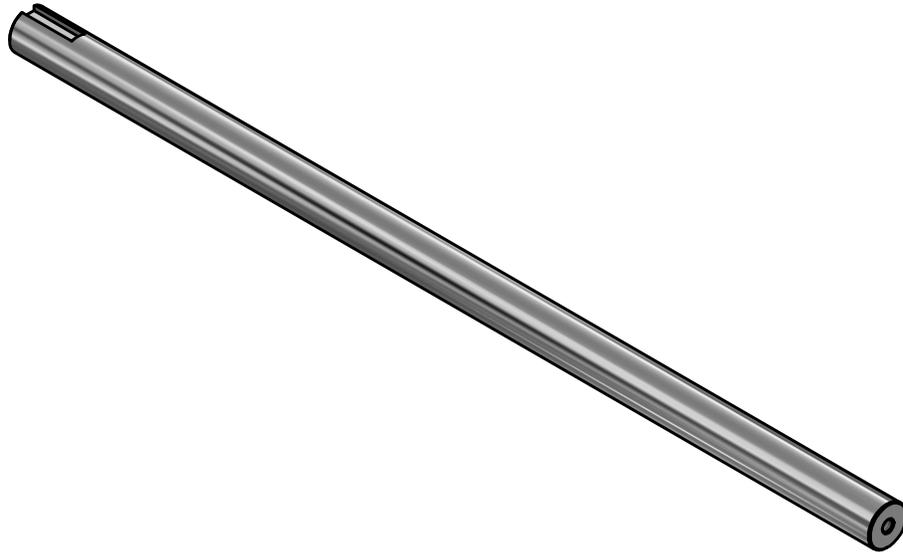


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CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: Air Gate Valve Sub Assy.	
RELEASE DATE	9/23/2021	PART NUMBER: BL1DCB-2678	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 12 of 28

BL1DCBA-2678 - Round Bar 3/4" O.D. x 17" LG.

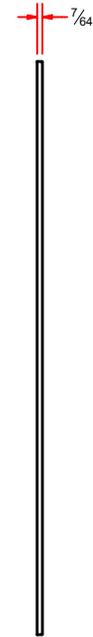
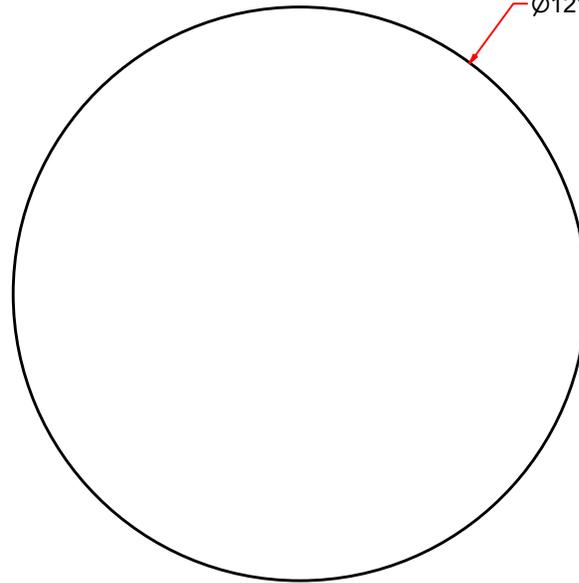
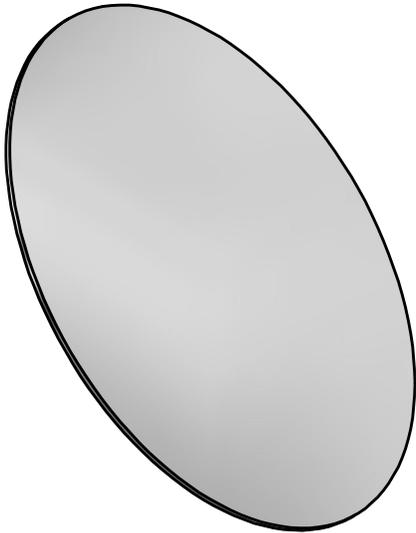


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CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: Round Bar 3/4" O.D. x 17" LG.	
RELEASE DATE	9/23/2021	PART NUMBER: BL1DCBA-2678	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 13 of 28

BL1DCBB-2678 - Sheet Metal #10Ga. x 12" O.D.

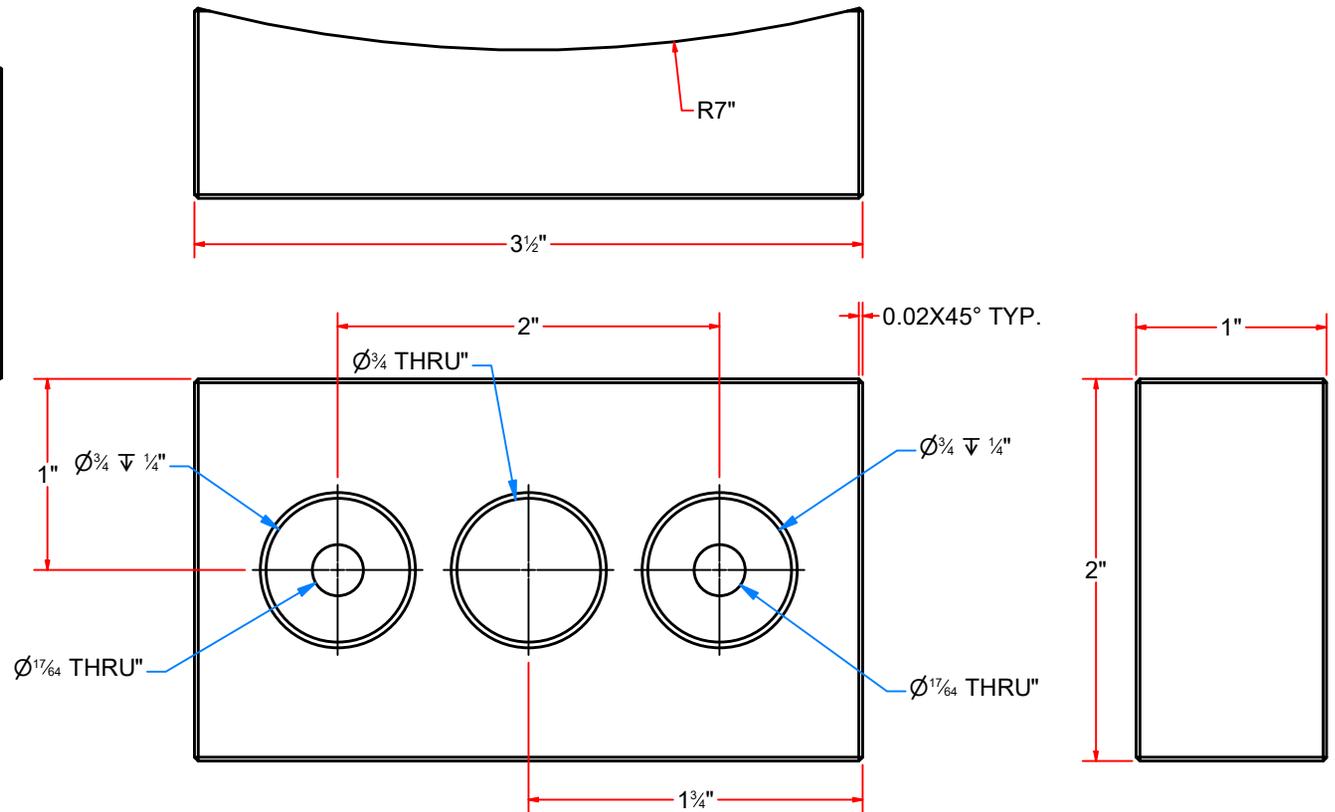
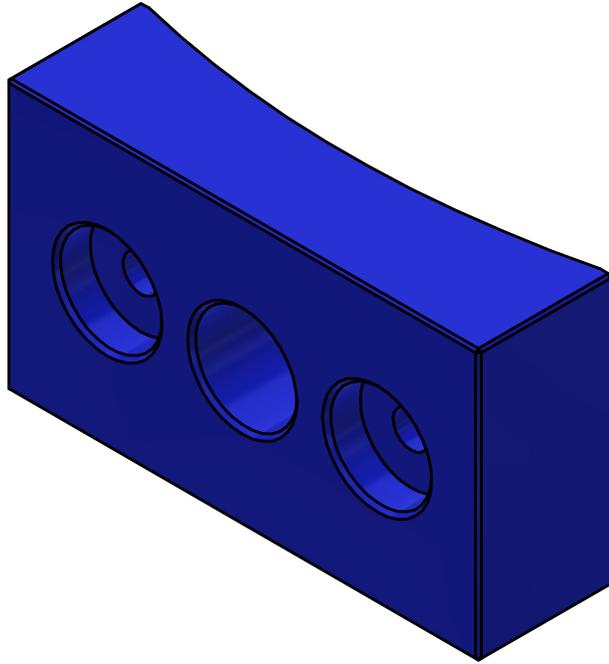


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CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: Sheet Metal #10Ga. x 12" O.D.	
RELEASE DATE	9/23/2021	PART NUMBER: BL1DCBB-2678	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 14 of 28

BL1DC1-2678 - 3 1/2"x2"x1" UHMW BRACKET



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DRAWN BY

Jibin

CUSTOMER: AVW EQUIPMENT CO.

CHECKED BY

PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly

QTY

DESCRIPTION: 3 1/2"x2"x1" UHMW BRACKET

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9/23/2021

PART NUMBER: BL1DC1-2678

REV# 1

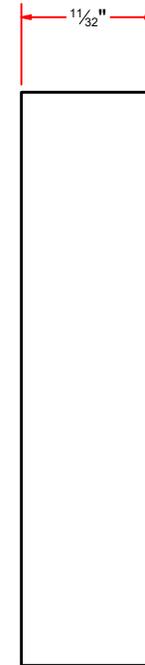
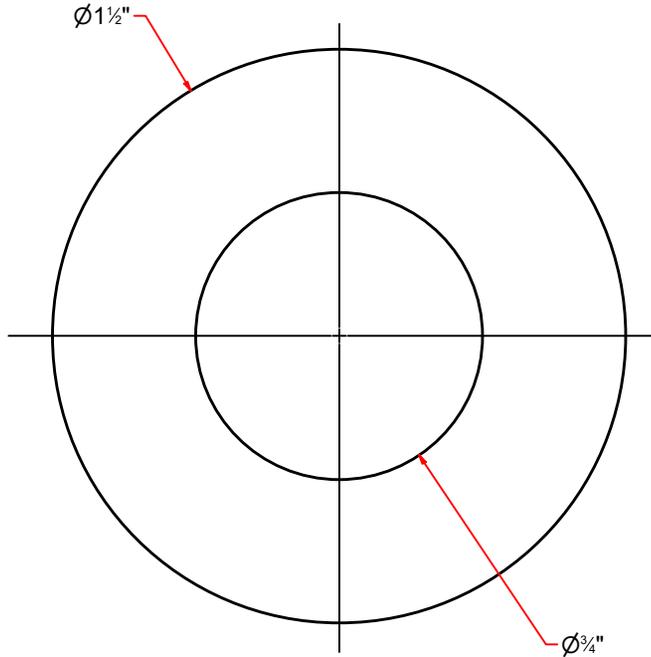
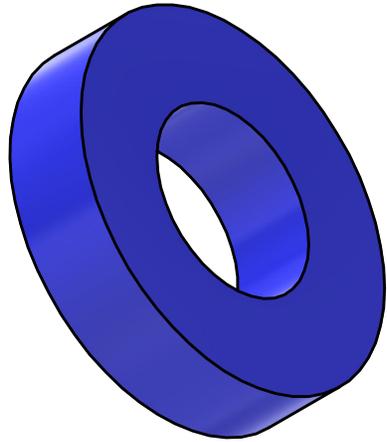
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.

SIZE
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EST WEIGHT:

SHEET 15 of 28

BL1DCD-2678 - UHMW Spacer 3/4" IDx 1 1/2" OD



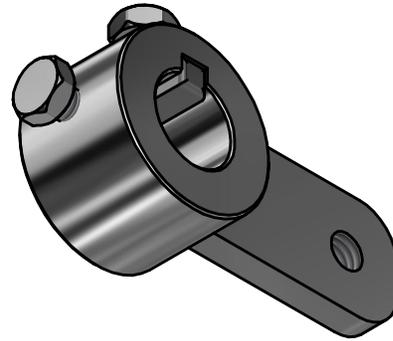
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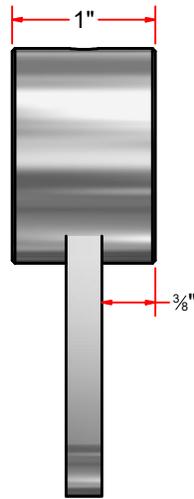
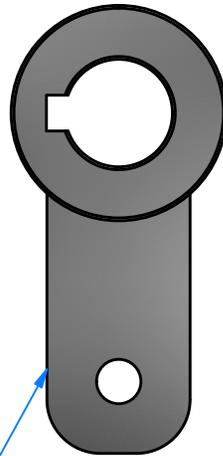
DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: UHMW Spacer 3/4" IDx 1 1/2" OD	
RELEASE DATE	9/23/2021	PART NUMBER: BL1DCD-2678	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 16 of 28

BL1DC-CAM-2678 - Blower Cam Arm Assy.

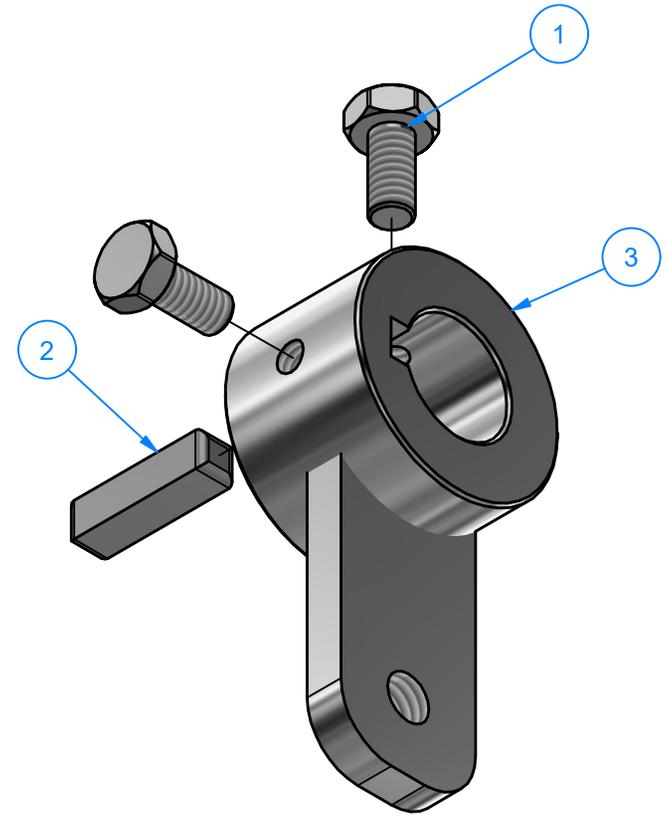
Parts List		
ITEM	QTY	DESCRIPTION
1	2	1/4" - 20 x 0.5" UNC Hex Screw
2	1	Collar Key_SQ 1/4" x 1"
3	1	Blower Cam Arm Weld Sub Assy.



Blower Cam Arm Weld Sub Assy.



Weld this piece perpendicular to the key way and opposite to the other hole in the collar

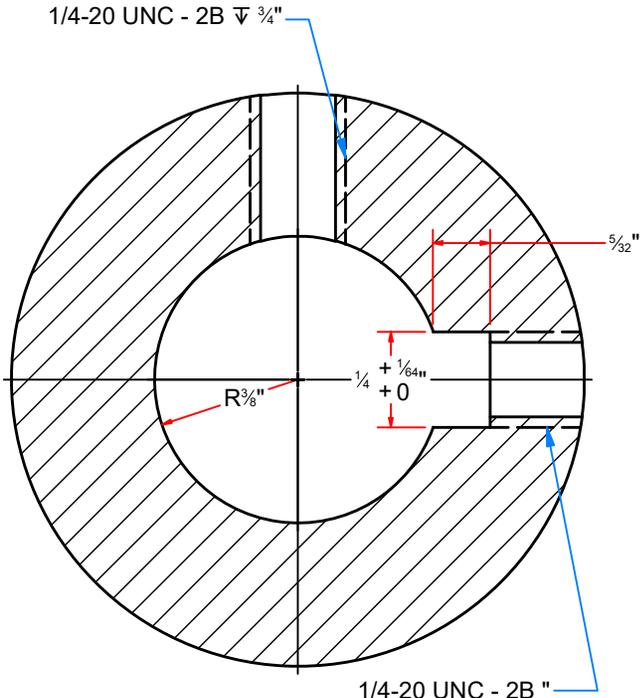
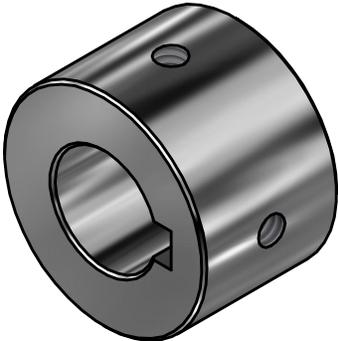


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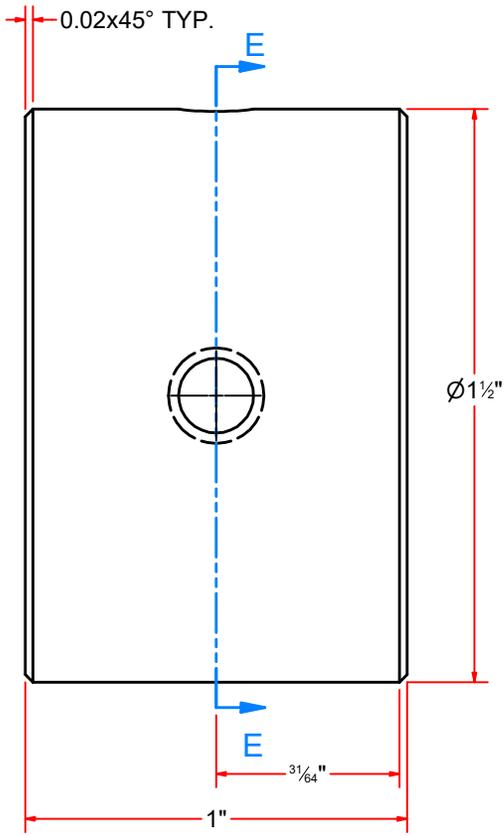
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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: Blower Cam Arm Assy.	
RELEASE DATE	9/23/2021	PART NUMBER: BL1DC-CAM-2678	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 17 of 28

BL1DC-CAMAA-2678 - Collar O.D 1 1/2" x I.D 3/4" w/ Keyway



SECTION E-E
SCALE 2 : 1

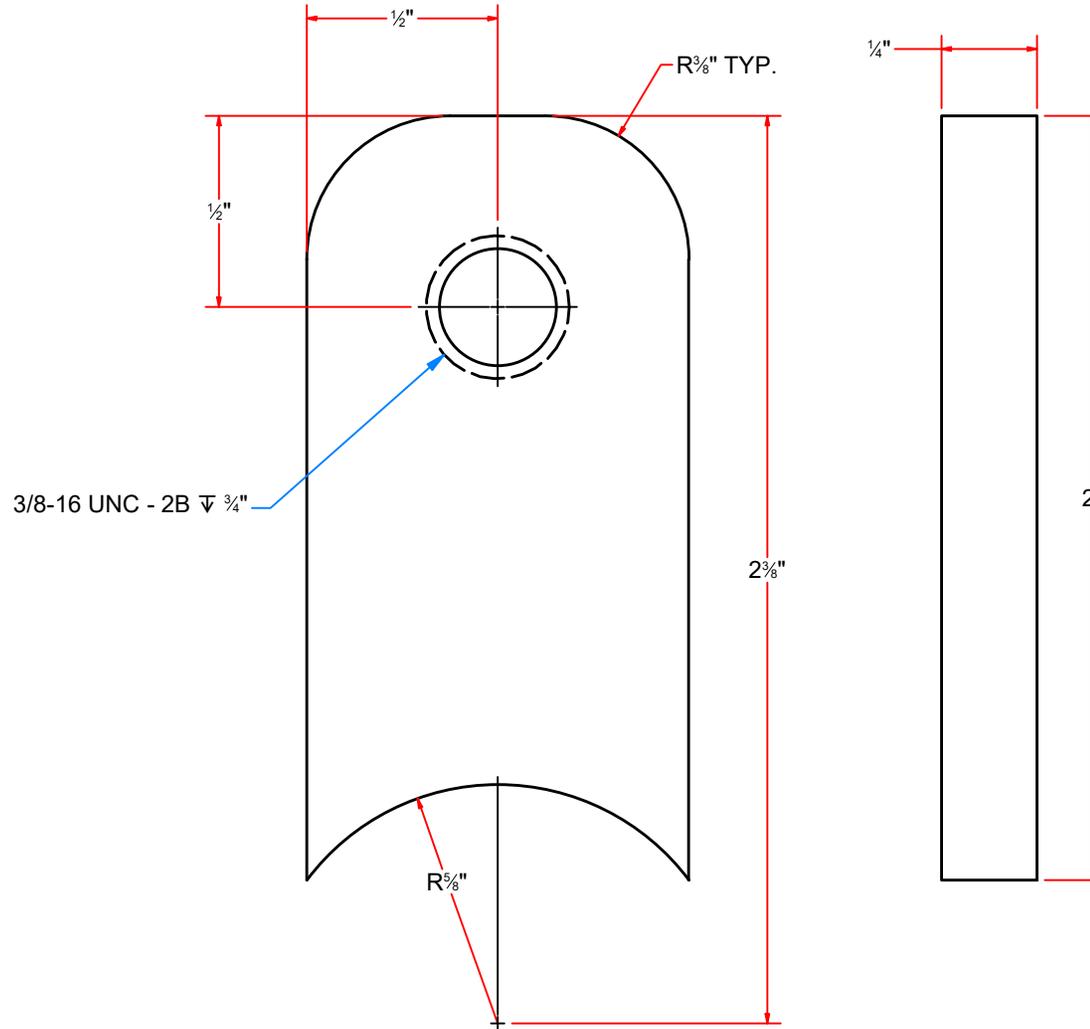
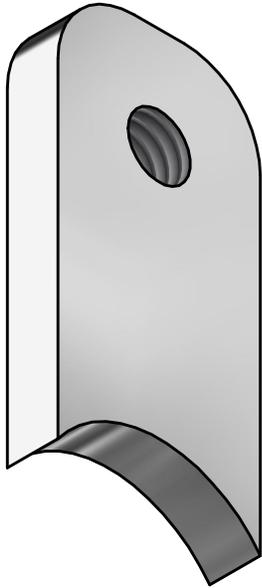


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CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: Collar O.D 1 1/2" x I.D 3/4" w/ Keyway	
RELEASE DATE	9/23/2021	PART NUMBER: BL1DC-CAMAA-2678	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 18 of 28

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BL1DC-CAMAB-2678 - Cam Plate $\frac{1}{4}$ "x 1"x 2"



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DRAWN BY

Jibin

CUSTOMER: AVW EQUIPMENT CO.

CHECKED BY

PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly

QTY

DESCRIPTION: Cam Plate $\frac{1}{4}$ "x 1"x 2"

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RELEASE DATE

9/23/2021

PART NUMBER: BL1DC-CAMAB-2678

REV# 1

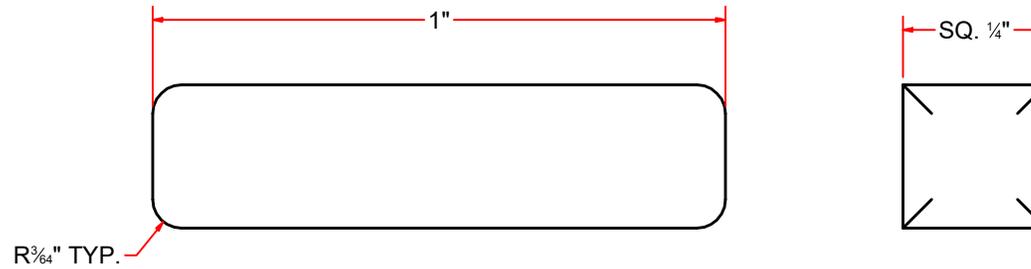
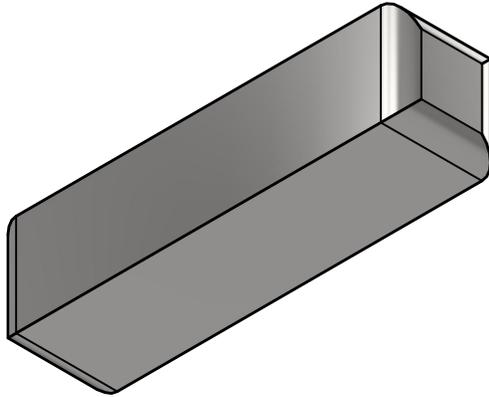
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.

SIZE
A

EST WEIGHT:

SHEET 19 of 28

TB2ADBA-4BK - Collar Key_SQ 1/4" x 1"



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Jibin

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CHECKED BY

PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly

QTY

DESCRIPTION: Collar Key_SQ 1/4" x 1"

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RELEASE DATE

9/23/2021

PART NUMBER: TB2ADBA-4BK

REV# 1

DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.

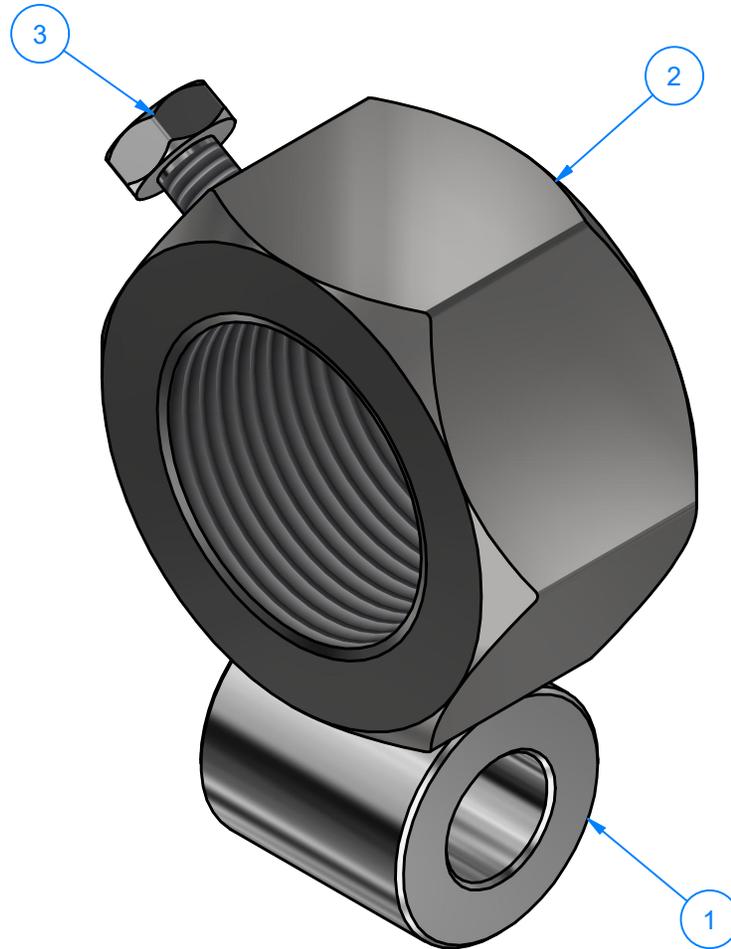
SIZE
A

EST WEIGHT:

SHEET 20 of 28

SB1ABDA-0808 - Cylinder Mount Bracket

Parts List		
ITEM	QTY	DESCRIPTION
1	1	Round Bar 1" O.D. x 1/2" I.D. x1" LG.
2	1	1 1/4"-12_1 1/16" thk Hex Nut w/ slot
3	1	1/4" - 20 x 0.5" UNC Hex Screw

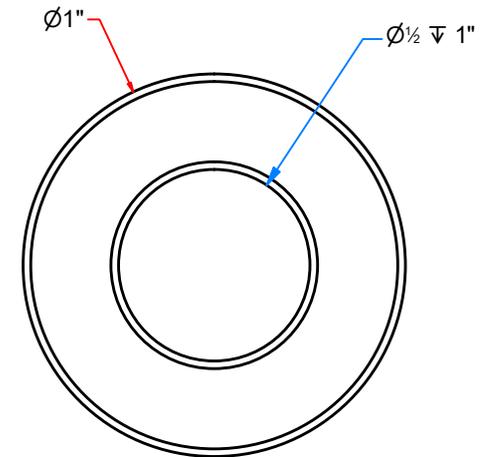
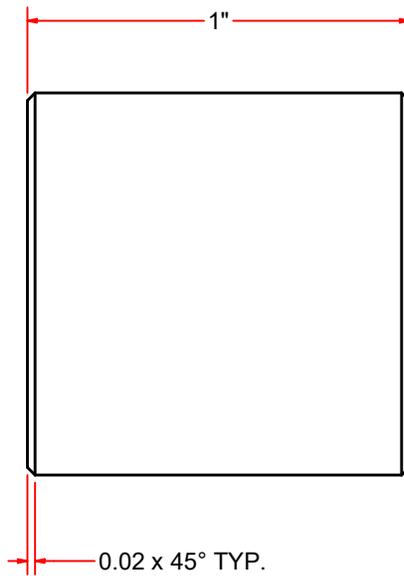


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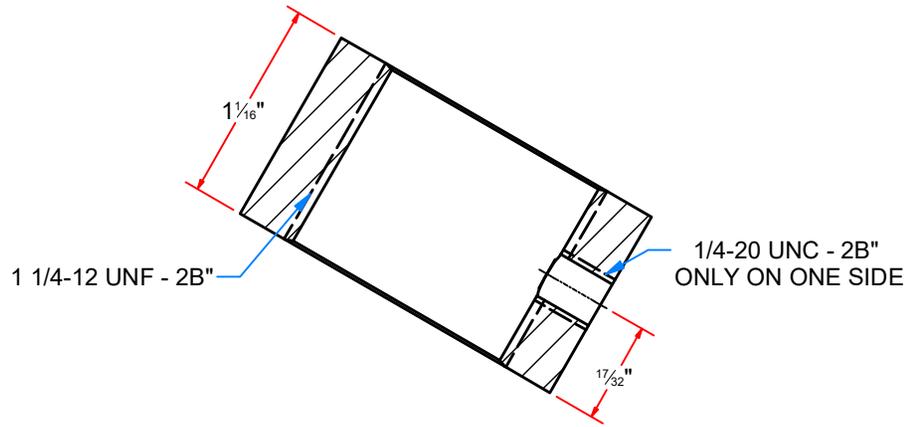
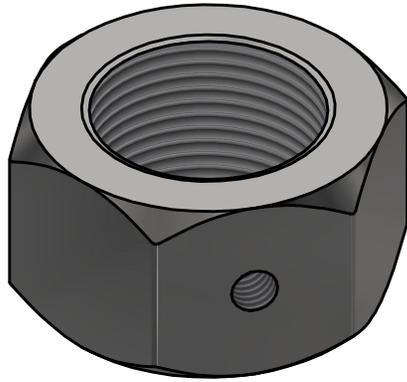
DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: Cylinder Mount Bracket	
RELEASE DATE	9/23/2021	PART NUMBER: SB1ABDA-0808	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 21 of 28
PATH:L:\Designs\Product Lines\Wraps & Combos\CRWWB - Combo Rockers with Wheel Brush\Parts\CRWWBA - Combo Rockers with Wheel Brush Arm\Parts\CRWWBAFM - Front Mount\CRWWBAFM - Front Mount.iam			

SB1ABDAA-0808 - Round Bar 1" O.D. x 1/2" I.D. x1" LG.

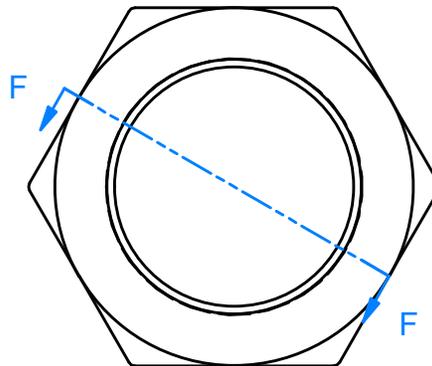


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			CHECKED BY			PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly		
			QTY			DESCRIPTION: Round Bar 1" O.D. x 1/2" I.D. x1" LG.		
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			DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.				SIZE A	EST WEIGHT:
PATH:L:\Designs\Product Lines\Wraps & Combos\CRWWB - Combo Rockers with Wheel Brush\Parts\CRWWBA - Combo Rockers with Wheel Brush Arm\Parts\CRWWBAFM - Front Mount\Parts\CRWWBAFM001.ipt								

SB1ABDAB-0808 - 1 1/4"-12_1 1/16" thk Hex Nut w/ slot



SECTION F-F
SCALE 1 : 1

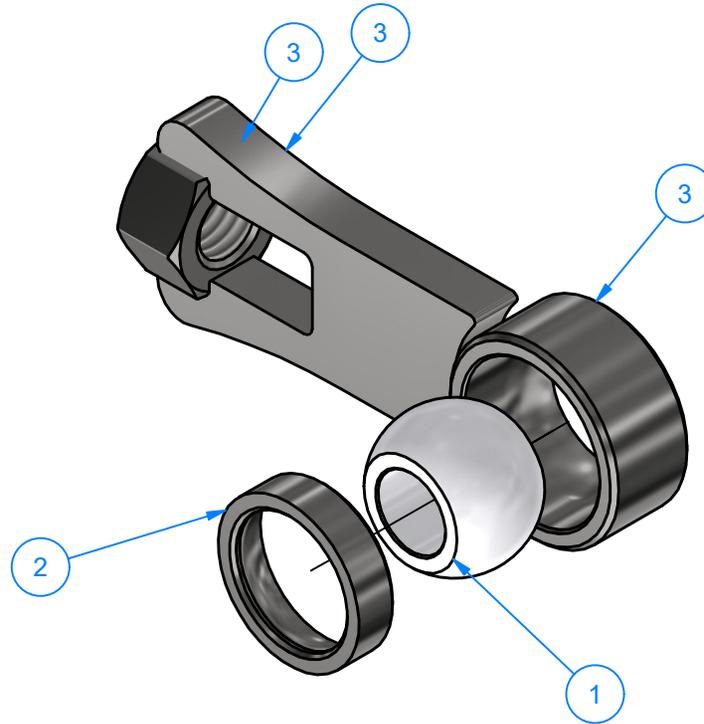
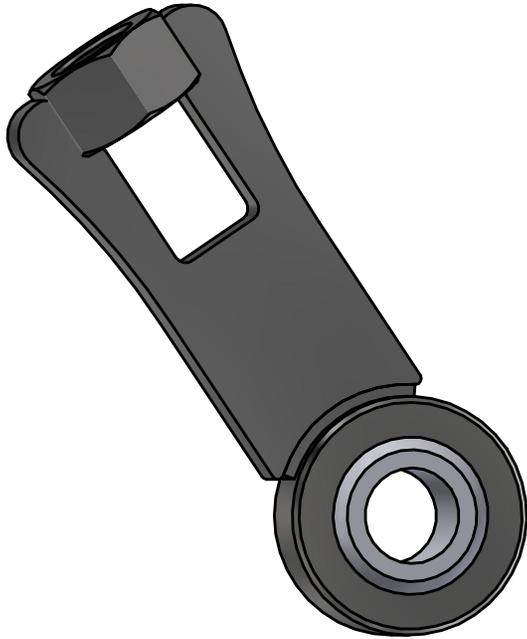


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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: 1 1/4"-12_1 1/16" thk Hex Nut w/ slot	
RELEASE DATE	9/23/2021	PART NUMBER: SB1ABDAB-0808	REV# 1
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BJ1-2-20 - Ball Joint End Rod



Parts List		
ITEM	QTY	DESCRIPTION
1	1	Nylon Ball Insert 1" OD. x 1/2" ID. x 5/8" LG
2	1	Small Ring OD 1"xID 3/4"x1/4"LG
3	1	Ball Joint Weldment



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PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly

QTY

DESCRIPTION: Ball Joint End Rod

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RELEASE DATE

9/23/2021

PART NUMBER: BJ1-2-20

REV# 1

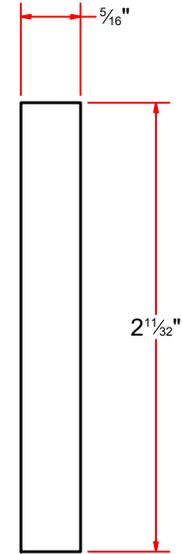
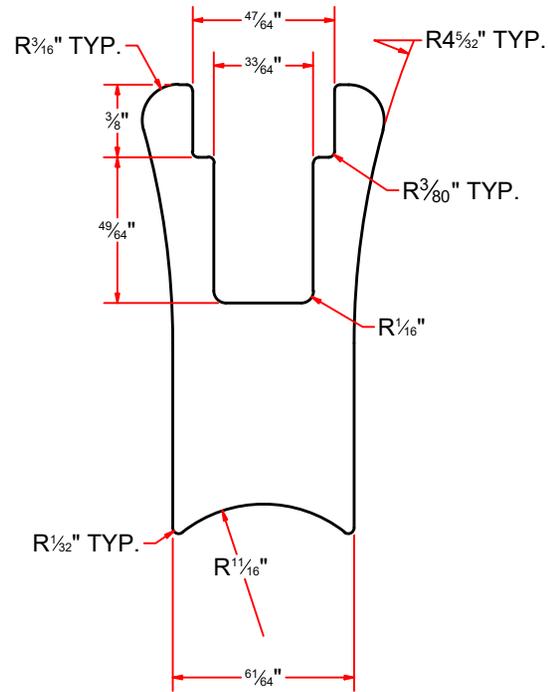
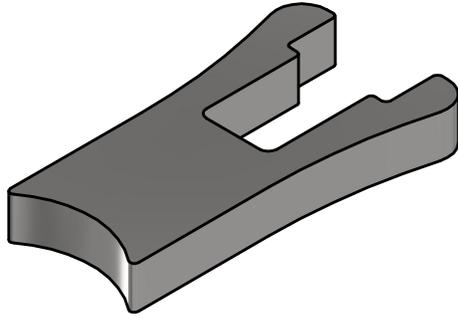
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.

SIZE
A

EST WEIGHT:

SHEET 24 of 28

BJ1-2-20D - Cylinder Lever #5/16x 1 9/32"x 2 3/8"



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PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly

QTY

DESCRIPTION: Cylinder Lever #5/16x 1 9/32"x 2 3/8"

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RELEASE DATE

9/23/2021

PART NUMBER: BJ1-2-20D

REV# 1

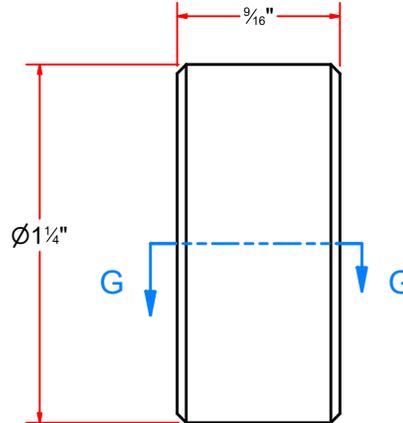
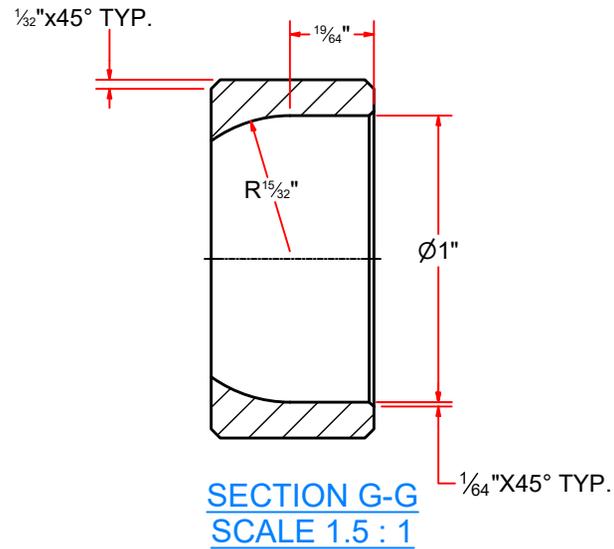
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.

SIZE
A

EST WEIGHT:

SHEET 25 of 28

BJ1-2-20C - Large Ring OD 1 1/4"x ID 1"x 9/16" LG

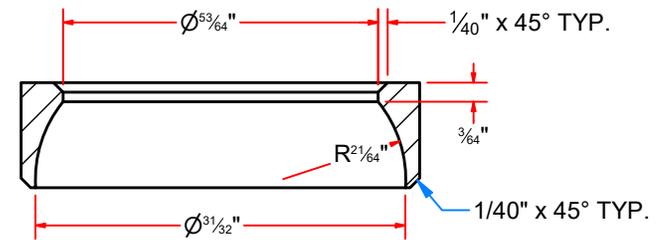
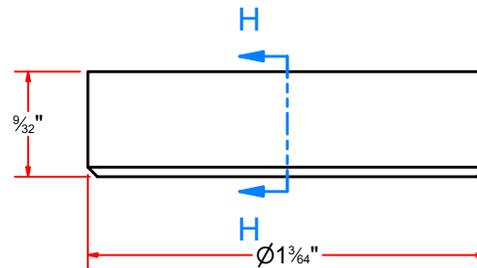


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CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: Large Ring OD 1 1/4"x ID 1"x 9/16" LG	
RELEASE DATE	9/23/2021	PART NUMBER: BJ1-2-20C	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 26 of 28

BJ1-2-20B - Small Ring OD 1"xID 3/4"x1/4"LG



SECTION H-H
SCALE 2 : 1

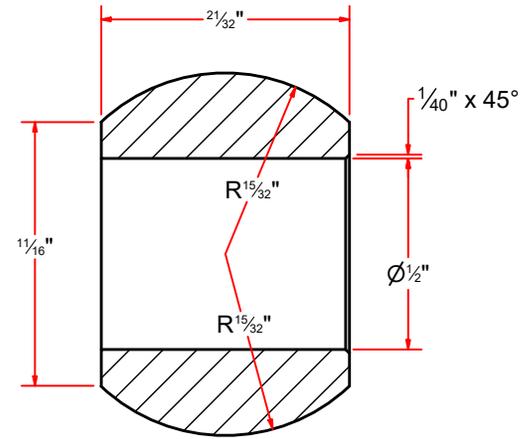
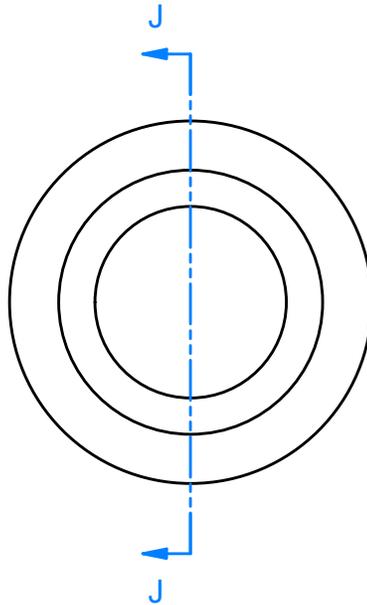
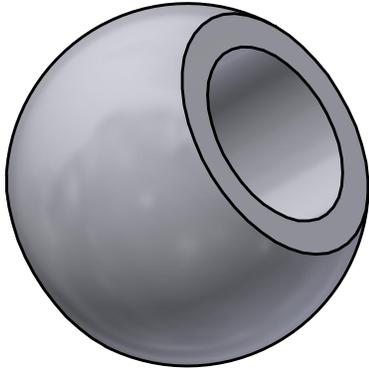


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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: Small Ring OD 1"xID 3/4"x1/4"LG	
RELEASE DATE	9/23/2021	PART NUMBER: BJ1-2-20B	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 27 of 28

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BJ1-2-20A - Nylon Ball Insert 1" OD. x 1/2" ID. x 5/8" LG



SECTION J-J
SCALE 2 : 1



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DRAWN BY	Jibin	CUSTOMER: AVW EQUIPMENT CO.	
CHECKED BY		PROJECT: BL1DC-2678_Air Intake Regulating Gate Assembly	
QTY		DESCRIPTION: Nylon Ball Insert 1" OD. x 1/2" ID. x 5/8" LG	
RELEASE DATE	9/23/2021	PART NUMBER: BJ1-2-20A	REV# 1
DIMENSION ARE IN INCHES & PROVIDED PRIOR TO SURFACE TREATMENTS, UNLESS NOTED.		SIZE A	EST WEIGHT: SHEET 28 of 28