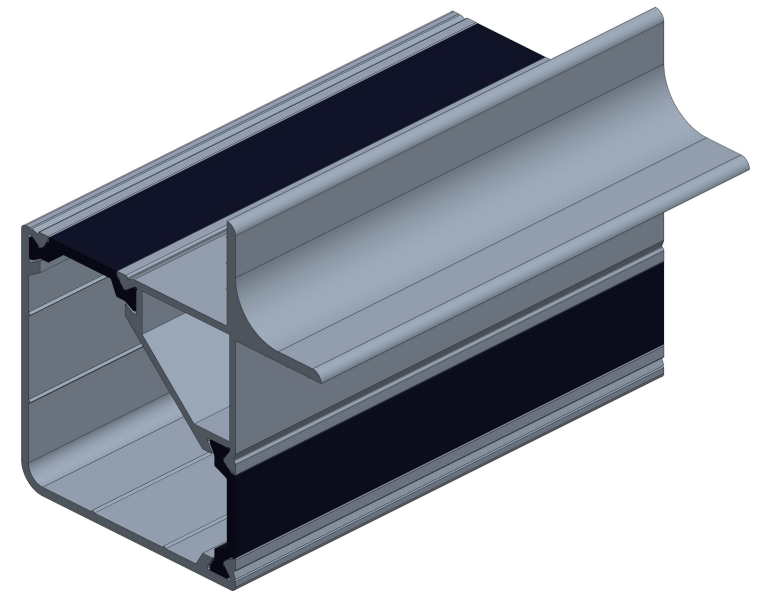
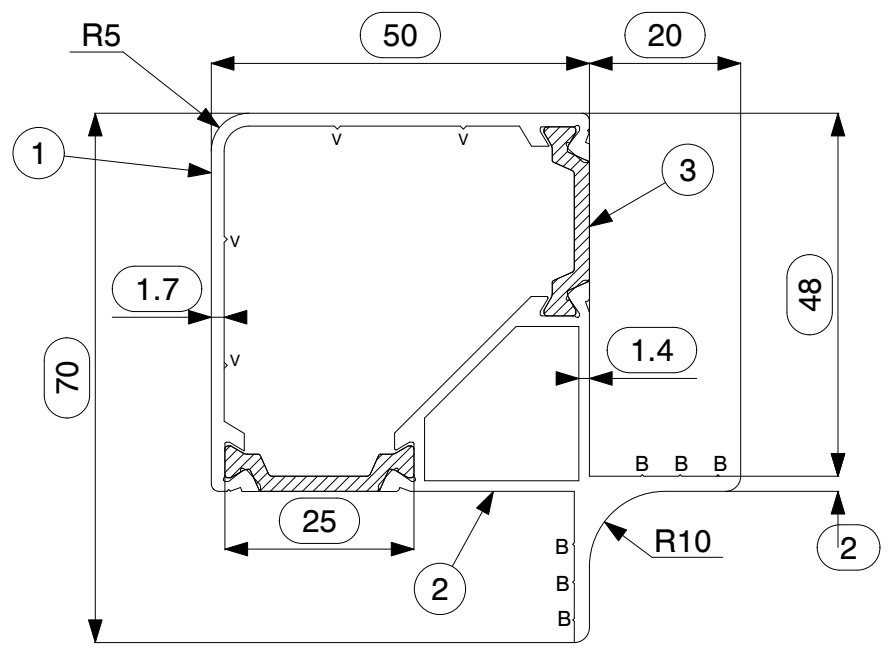



NOTE		
SL. NO.	NOTE	DESCRIPTION
1	<input type="checkbox"/>	INDICATES INSPECTION DIMENSION

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVE



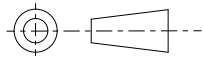
TOLERANCE #		APPROVALS		DATE
0.5 ~ < 10	±0.30	DRAWN	VISWA	19-01-2026
10 ~ < 25	±0.50	CHECKED	KALEEL	20-01-2026
25 ~ < 50	±0.70	APPROVED		
50 ~ < 100	±1.00	MATERIAL: EN AW 6063 - T6		
100 ~ < 150	±1.20	FINISH : MILL (Unless specified) Based on customer request on finish, below is applicable FOR ANODIZED : 5-10 MICRONS FOR POWDER COATED : 60-100 MICRONS		
THE MAXIMUM ALLOWABLE DEVIATION FOR ANY ANGLE IS ± 2°		PERIMETER: Ext : 241.69 mm    AREA: 571.09 mm² Int : -		
TWIST ALONG THE LENGTH = 3 mm/M		STRAIGHTNESS = 5 mm/M		
FLATNESS : 0.008 X WIDTH		CUT LENGTH: 6000 (±10) mm		
SCALE : 1:1		WEIGHT RANGE : 1.20 -1.50 Kg/m		
CORNER & FILLET RADII : < 5 - ±0.5mm > 5 - ± 10%		ALL DIMENSIONS ARE IN mm (MILLIMETERS) UNTILL UNLESS SPECIFIED		



**VIVANT<sup>®</sup>**  
SOLUTIONS  
VIVANT SOLUTIONS PRIVATE LIMITED,  
PLOT NO: 329, SIDCO THIRUMULLAIVOYAL,  
CHENNAI, TAMILNADU, INDIA

TITLE : THERMAL BREAK CORNER PROFILE ASSEMBLY FOR 50-45 SYSTEM

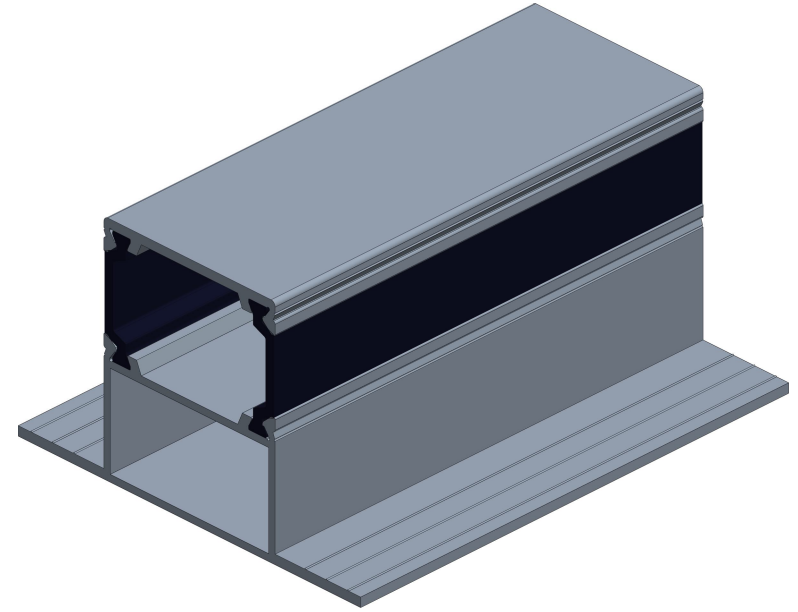
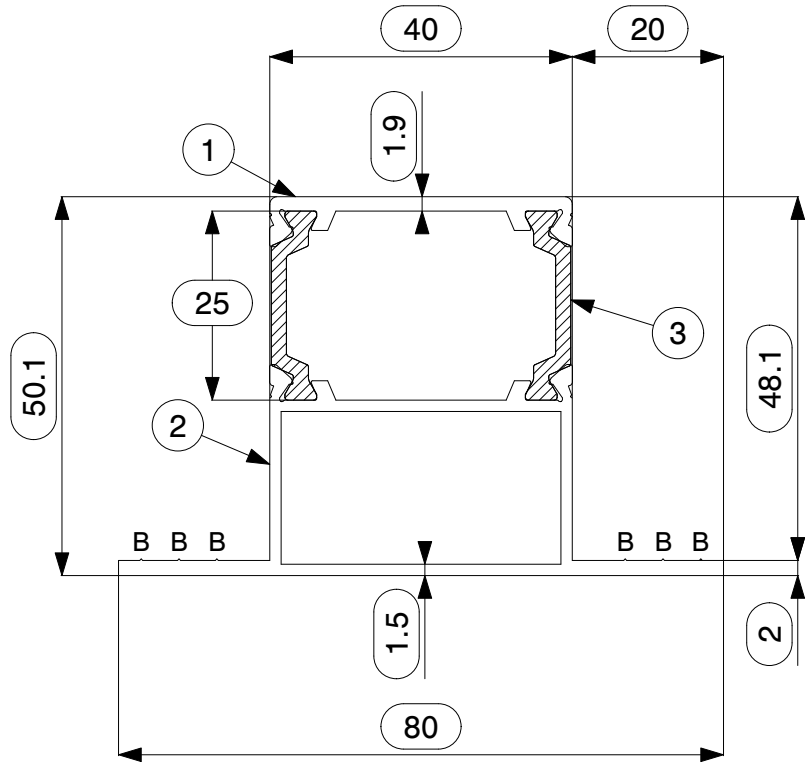
PART CODE : TBALC-5045

THIRD ANGLE PROJECTION	SIZE : A4
	RIBS : B = 0.2 x 90°(6 PLACES) V = 0.4 x 90°(4 PLACES)
# REFERENCE STANDARDS - BSEN-755-9-2008	REV : 0

3	50-45 THERMAL BREAK POLY 25-C	VSPL/AHU/1025	TBPL-25-C
2	50-45 THERMAL BREAK CORNER INNER	VSPL/AHU/5002	TBALCI-50-48
1	50-45 THERMAL BREAK CORNER OUTER	VSPL/AHU/5001	TBALCO-50-48
NAME	DESCRIPTION	PART NO.	CODE

NOTE		
SL. NO.	NOTE	DESCRIPTION
1	□	INDICATES INSPECTION DIMENSION

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVE



TOLERANCE #		APPROVALS		DATE
0.5 ~ < 10	±0.30	DRAWN	VISWA	19-01-2026
10 ~ < 25	±0.50	CHECKED	KALEEL	20-01-2026
25 ~ < 50	±0.70	APPROVED		
50 ~ < 100	±1.00	MATERIAL: EN AW 6063 - T6		
100 ~ < 150	±1.20	FINISH : MILL (Unless specified) Based on customer request on finish, below is applicable FOR ANODIZED : 5-10 MICRONS FOR POWDER COATED : 60-100 MICRONS		
THE MAXIMUM ALLOWABLE DEVIATION FOR ANY ANGLE IS ± 2°		PERIMETER: Ext : 230.27 mm    AREA: 526.31 mm <sup>2</sup> Int : -		
TWIST ALONG THE LENGTH = 3 mm/M		STRAIGHTNESS = 5 mm/M		
FLATNESS : 0.008 X WIDTH		CUT LENGTH: 6000 (±10) mm		
SCALE : 1:1		WEIGHT RANGE : 1.08 - 1.38 Kg/m		
CORNER & FILLET RADII : < 5 - ±0.5mm > 5 - ± 10%		ALL DIMENSIONS ARE IN mm (MILLIMETERS) UNTILL UNLESS SPECIFIED		



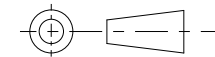
VIVANT SOLUTIONS PRIVATE LIMITED,  
PLOT NO: 329, SIDCO THIRUMULLAIVOYAL,  
CHENNAI, TAMILNADU, INDIA

TITLE : THERMAL BREAK OMEGA PROFILE ASSEMBLY FOR 50-45 SYSTEM

PART CODE : TBALO-5045

THIRD ANGLE PROJECTION

SIZE : A4



RIBS :  
B = 0.2 x 90° (6 PLACES)

# REFERENCE STANDARDS - BSEN-755-9-2008

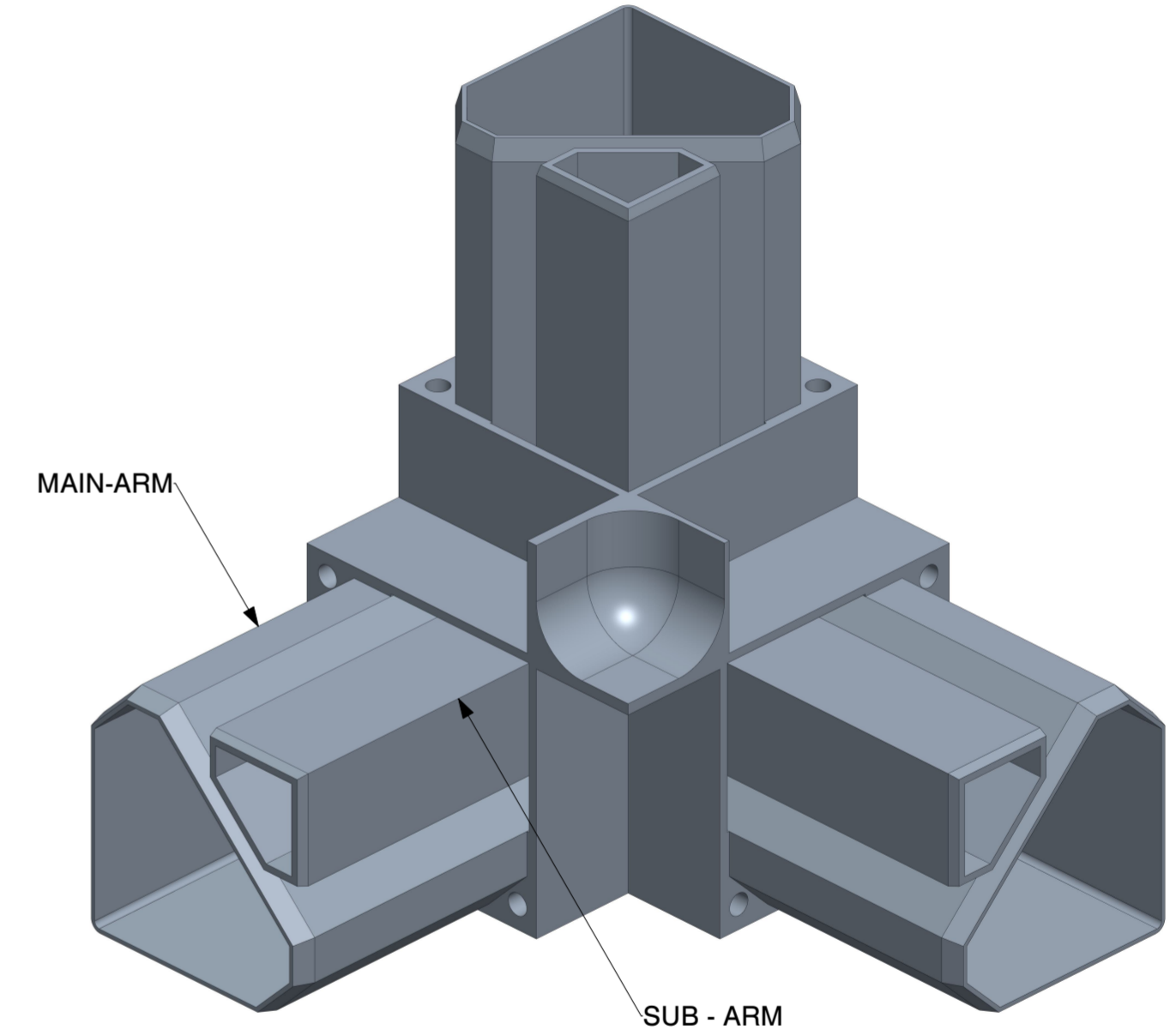
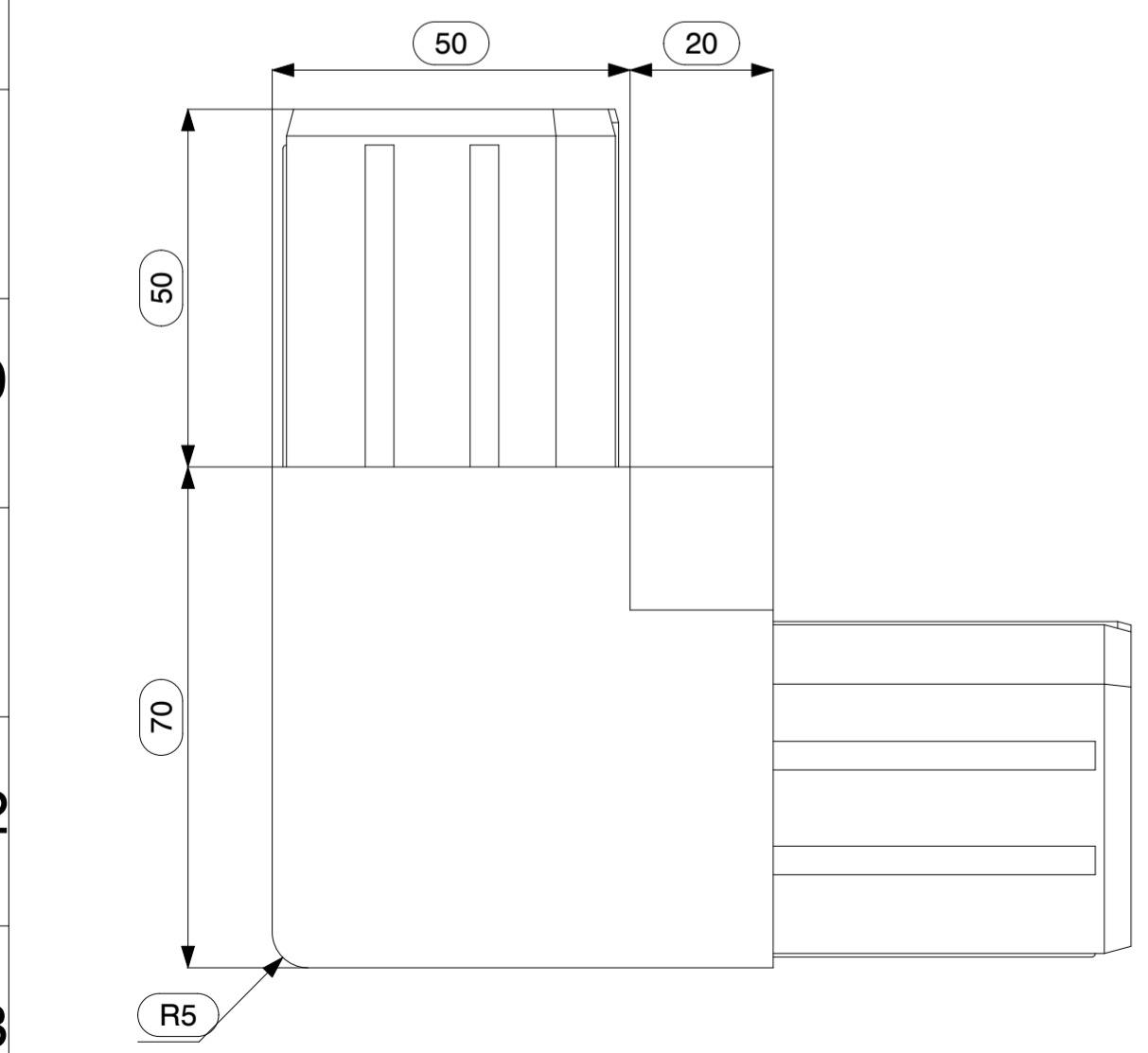
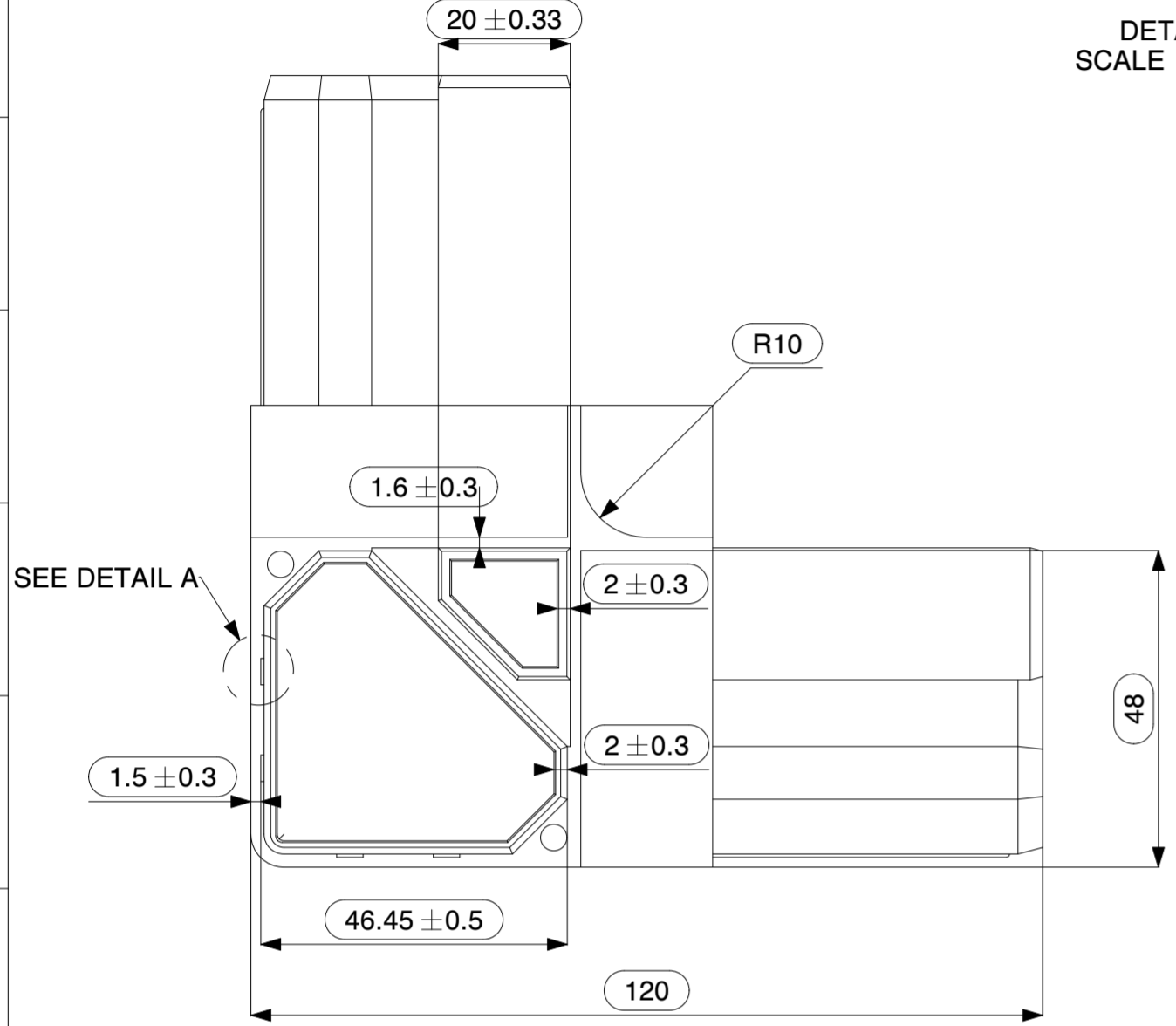
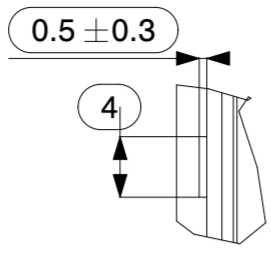
REV : 0

3	50-45 THERMAL BREAK POLY 25-C	VSPL/AHU/1025	TBPL-25-C
2	50-45 THERMAL BREAK OMEGA INNER	VSPL/AHU/5004	TBALOI-50-45
1	50-45 THERMAL BREAK OMEGA OUTER	VSPL/AHU/5003	TBALOO-50-45
NAME	DESCRIPTION	PART NO.	CODE

A B C D E F H I J

NOTE		
SL. NO.	NOTE	DESCRIPTION
1	□	INDICATES INSPECTION DIMENSION

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVE



TOLERANCE #		APPROVALS		DATE
0.5 - < 11	± 0.30	DRAWN	VISWA	19-01-2026
11 - < 51	± 0.50	CHECKED	KALIL	20-01-2026
51 - < 80	± 0.70	APPROVED		
80 - < 120	± 1.00	MATERIAL: PA6 GF 30%		
> 120	± 1.20	WEIGHT RANGE : 196 - 216 grams		
-	-	COLOUR : BLACK		
-	-	THIRD ANGLE PROJECTION		
-	-			
-	-			
WARPAGE = ± 5 mm				
THE MAXIMUM ALLOWABLE DEVIATION FOR ANY ANGLE IS ± 2°		ALL DIMENSIONS ARE IN mm (MILLIMETERS)		

**VIVANT SOLUTIONS**  
 VIVANT SOLUTIONS PRIVATE LIMITED,  
 PLOT NO: 329, SIDCO THIRUMULLAIVOYAL,  
 CHENNAI, TAMILNADU, INDIA

TITLE: 3 - WAY THERMAL BREAK NYLON CORNER FOR 50-45 SYSTEM

PART NO: TBNYC-50-45

FINISH : SHOT BLASTING

SIZE : A2	SCALE : 1:1	REV : 0
-----------	-------------	---------

# REFERENCE STANDARDS : ISO 286 - IT 13

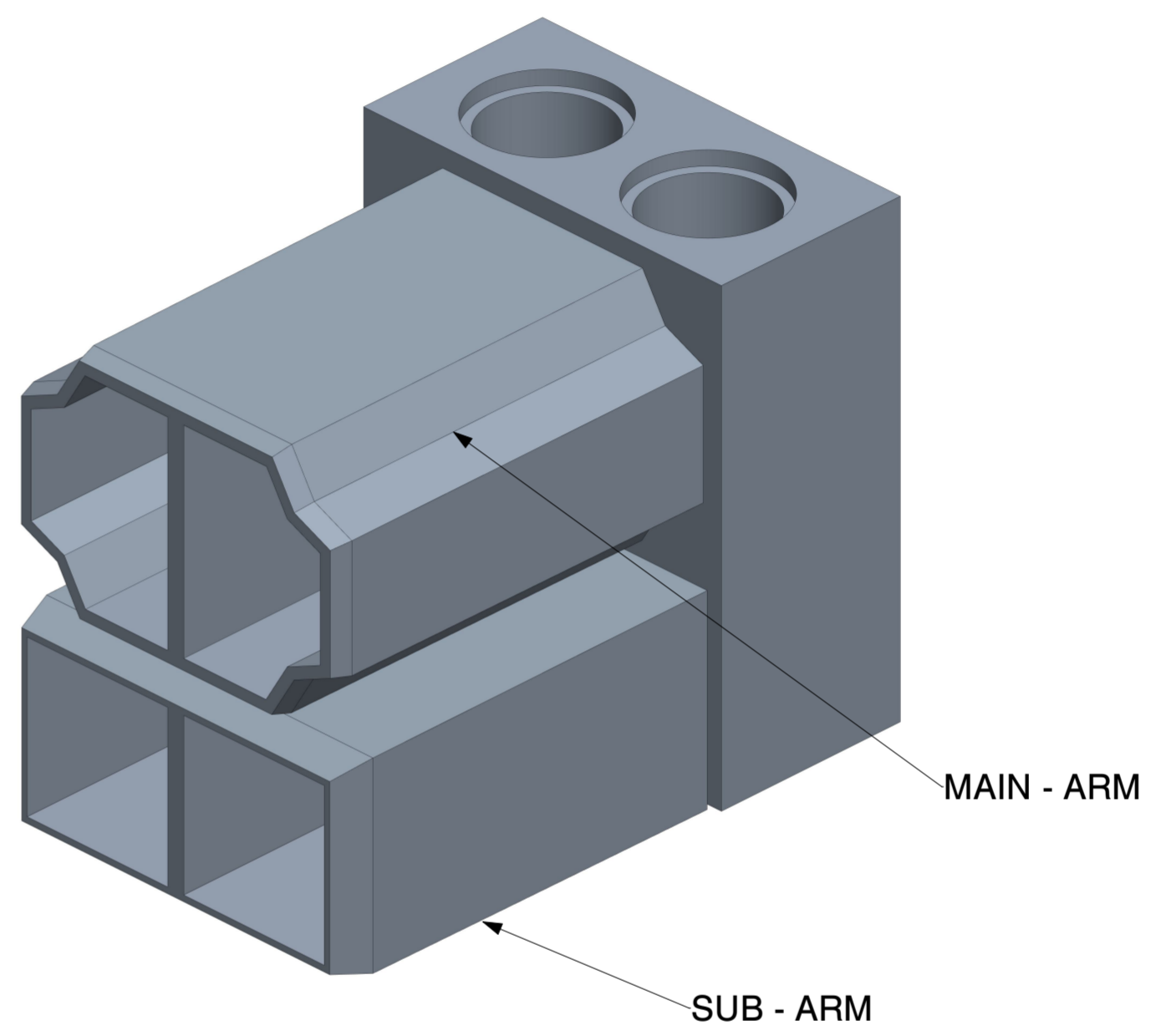
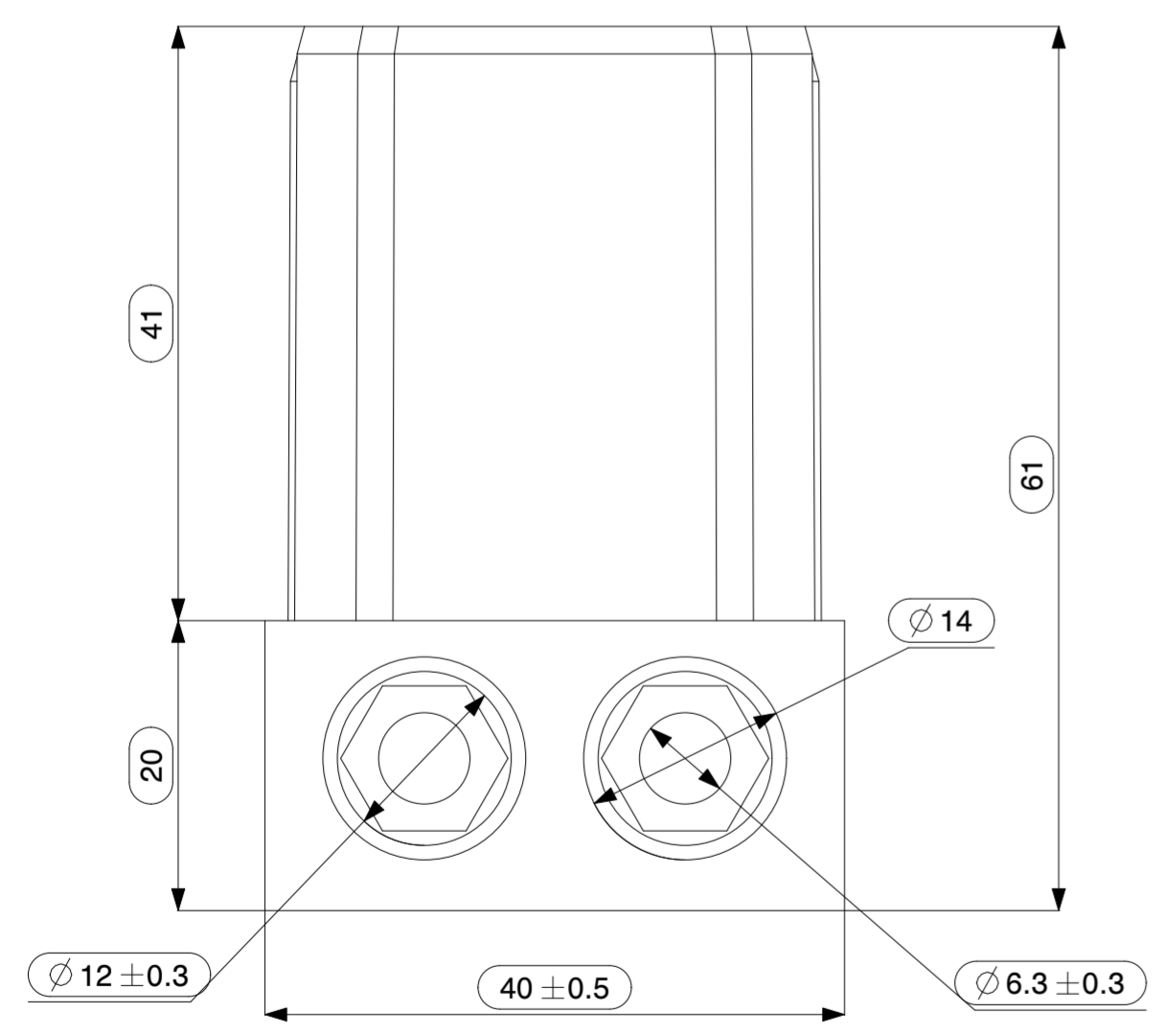
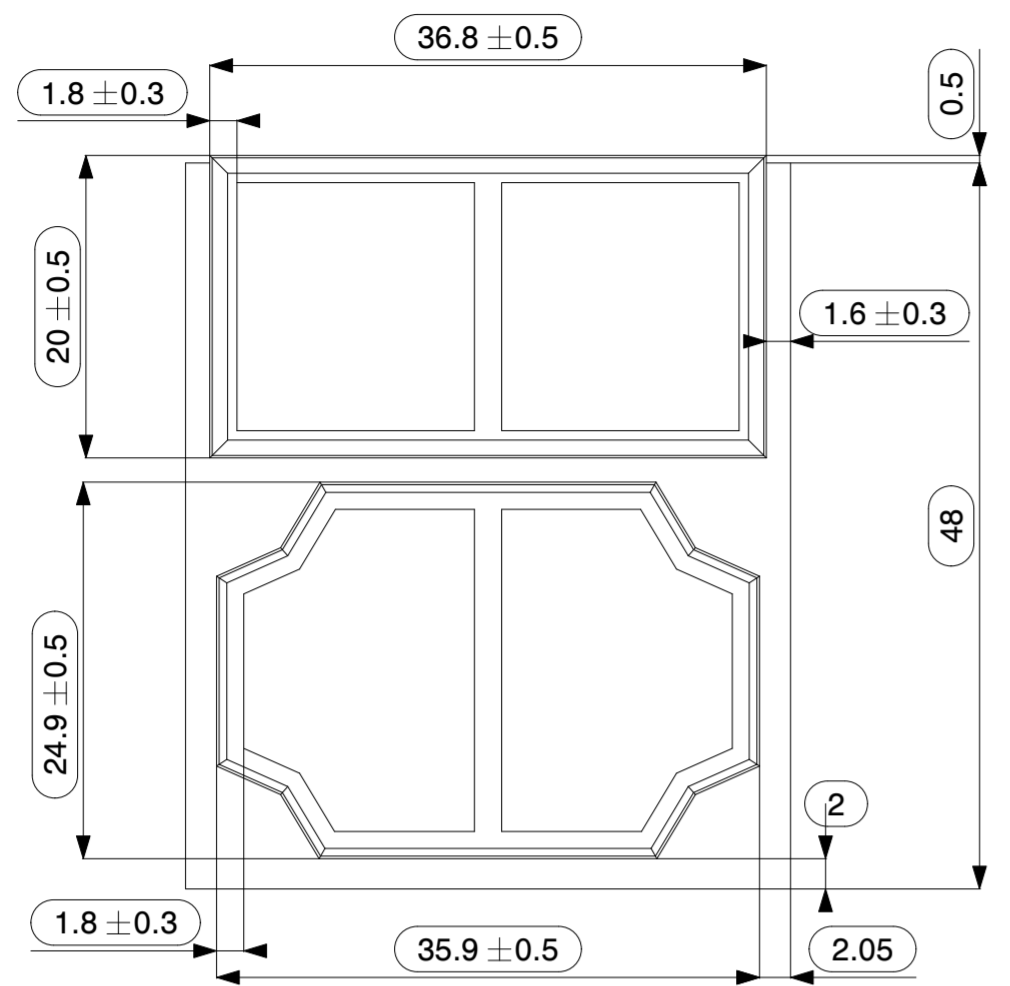
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13

A B C D E F H I J K L M N O P Q R S T

NOTE		
SL. NO.	NOTE	DESCRIPTION
1	□	INDICATES INSPECTION DIMENSION

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVE



TOLERANCE #		APPROVALS		DATE
0.5 - < 11	± 0.30	DRAWN	VISWA	19-01-2026
11 - < 51	± 0.50	CHECKED	KALEEL	20-01-2026
51 - < 80	± 0.70	APPROVED		
80 - < 120	± 1.00	MATERIAL: PA6 GF 30%		
> 120	± 1.20	WEIGHT RANGE : 36 - 56 grams		
-	-	COLOUR : BLACK		
-	-	THIRD ANGLE PROJECTION		
-	-			
-	-			
WARPAGE = ± 5 mm				
THE MAXIMUM ALLOWABLE DEVIATION FOR ANY ANGLE IS ± 2°		ALL DIMENSIONS ARE IN mm (MILLIMETERS)		

**VIVANT SOLUTIONS**  
VIVANT SOLUTIONS PRIVATE LIMITED,  
PLOT NO: 329, SIDCO THIRUMULLAIVOYAL,  
CHENNAI, TAMILNADU, INDIA

TITLE: THERMAL BREAK OMEGA JOINT FOR 50-45 SYSTEM

PART NO: TBNYOJ-50-45

FINISH : SHOT BLASTING

SIZE : A2	SCALE : 1:1	REV : 0
-----------	-------------	---------

# REFERENCE STANDARDS : ISO 286 - IT 13

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13

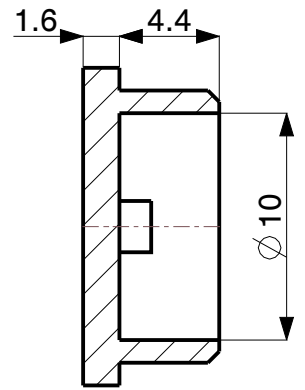
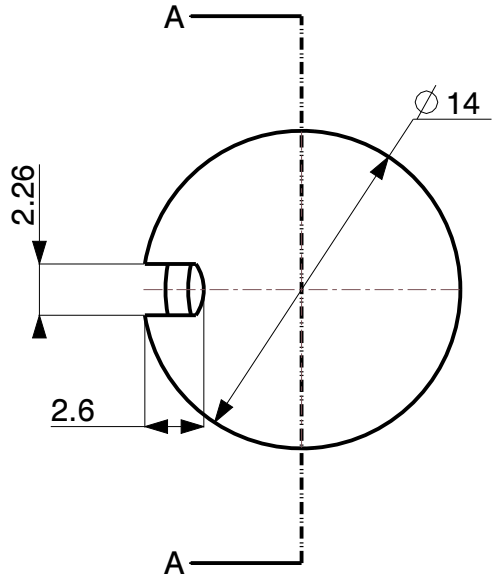
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13

A B C D E F H I J K L M N O P Q R S T

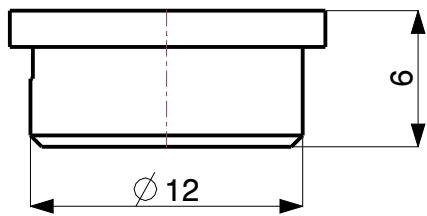
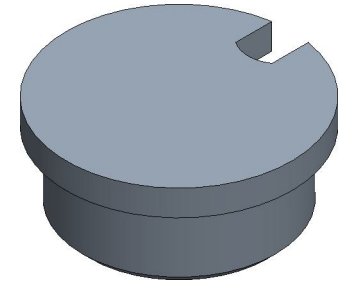
A B C D E F H I J K L M N O P Q R S T

MANUFACTURING NOTE		
SL. NO.	NOTE	DESCRIPTION
1	□	INDICATES INSPECTION DIMENSION


REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVE



SECTION A-A



TOLERANCE #		APPROVALS		DATE
0.5 - < 11	± 0.30	DRAWN	DHANASEKAR	02-04-2026
11 - < 51	± 0.50	CHECKED	VISWA	02-04-2026
51 - < 80	± 0.70	APPROVED	KALEEL	
80 - < 120	± 1.00	MATERIAL: PA6 GF 30%		
> 120	± 1.20	WEIGHT : 0.51 grams		
-	-	COLOUR : BLACK		
-	-	THIRD ANGLE PROJECTION		
-	-			
-	-			
-	-			
-	-			
WARPAGE = ± 5 mm				
THE MAXIMUM ALLOWABLE DEVIATION FOR ANY ANGLE IS ± 2°		ALL DIMENSIONS ARE IN mm (MILLIMETERS) UNTILL UNLESS SPECIFIED		



**VIVANT SOLUTIONS**  
 VIVANT SOLUTIONS PRIVATE LIMITED,  
 PLOT NO: 329, SIDCO THIRUMULLAIVOYAL,  
 CHENNAI, TAMILNADU, INDIA

TITLE : THERMAL BREAK OMEGA JOINTER CAP FOR 50-45		
PART CODE : TB-NYOJC-50-45		
FINISH : SHOT BLASTING		
SIZE : A4	SCALE : 3:1	REV : 0
# REFERENCE STANDARDS - ISO 286 - IT 13		

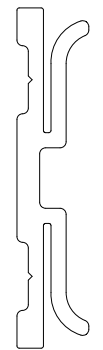
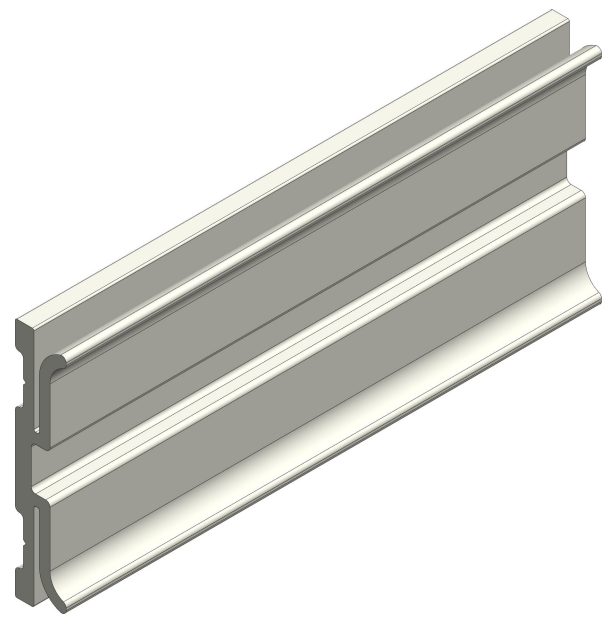
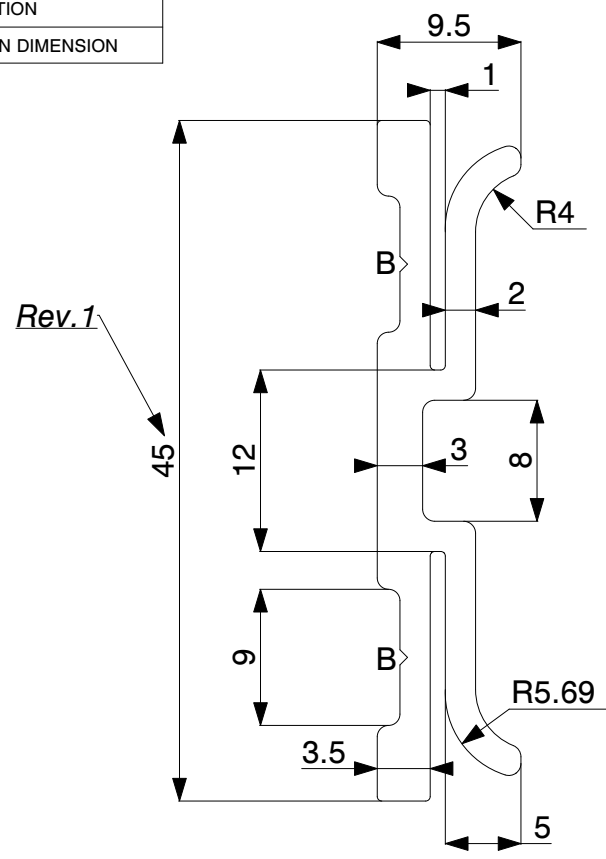
1  
2  
3  
4  
5  
6

1  
2  
3  
4  
5  
6


A B C D E F G H I

NOTE		
SL. NO.	NOTE	DESCRIPTION
1	<input type="checkbox"/>	INDICATES INSPECTION DIMENSION

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVE



TOLERANCE #		APPROVALS		DATE	
0.5 ~ < 10	±0.30	DRAWN	DHANASEKAR	03-04-2026	
10 ~ < 25	±0.50	CHECKED	VISWA	03-04-2026	
25 ~ < 50	±0.70	APPROVED	KALEEL		
50 ~ < 100	±1.00	MATERIAL: PVC-U			
100 ~ < 150	±1.20	COLOUR : RAL 9016			
THE MAXIMUM ALLOWABLE DEVIATION FOR ANY ANGLE IS ± 2°		FINISH : GLOSSY			
TWIST ALONG THE LENGTH = 3 mm/M		AREA: 202.00 mm²			
STRAIGHTNESS = 5 mm/M		WEIGHT RANGE : 0.265 - 0.295 Kg/m		PART CODE : TB-PVC-PB-55-54-SF/50-45	
FLATNESS : 0.008 X WIDTH		CUT LENGTH: 3000 (±10) mm		THIRD ANGLE PROJECTION	
WARPAGE = ±5 mm		WORKING TEMPERATURE: 50 ±5 (°C)		SCALE: 2:1, 1:1	
CORNER & FILLET RADII : < 5 - ±0.5mm > 5 - ± 10%		ALL DIMENSIONS ARE IN mm (MILLIMETERS) UNTILL UNLESS SPECIFIED			RIBS: B = 0.5 X 90° (2 PLACES)



**VIVANT SOLUTIONS**  
 VIVANT SOLUTIONS PRIVATE LIMITED,  
 PLOT NO: 329, SIDCO THIRUMULLAIVOYAL,  
 CHENNAI, TAMILNADU, INDIA

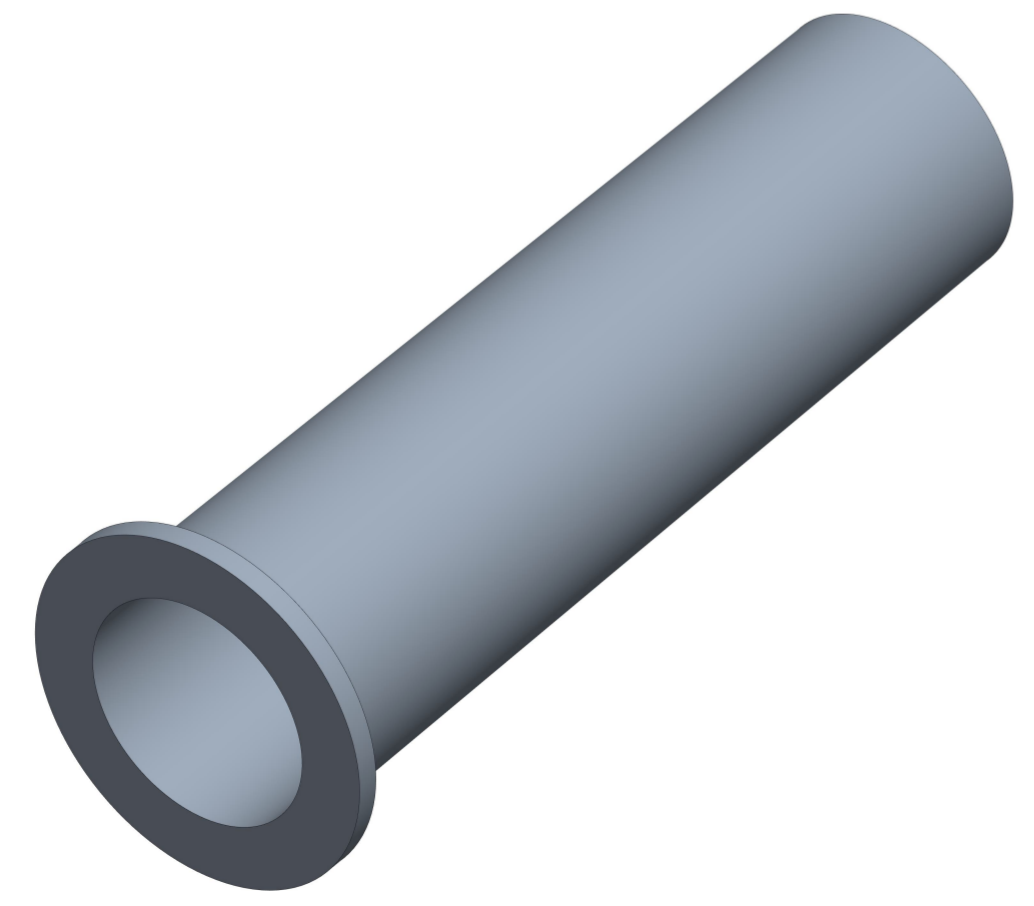
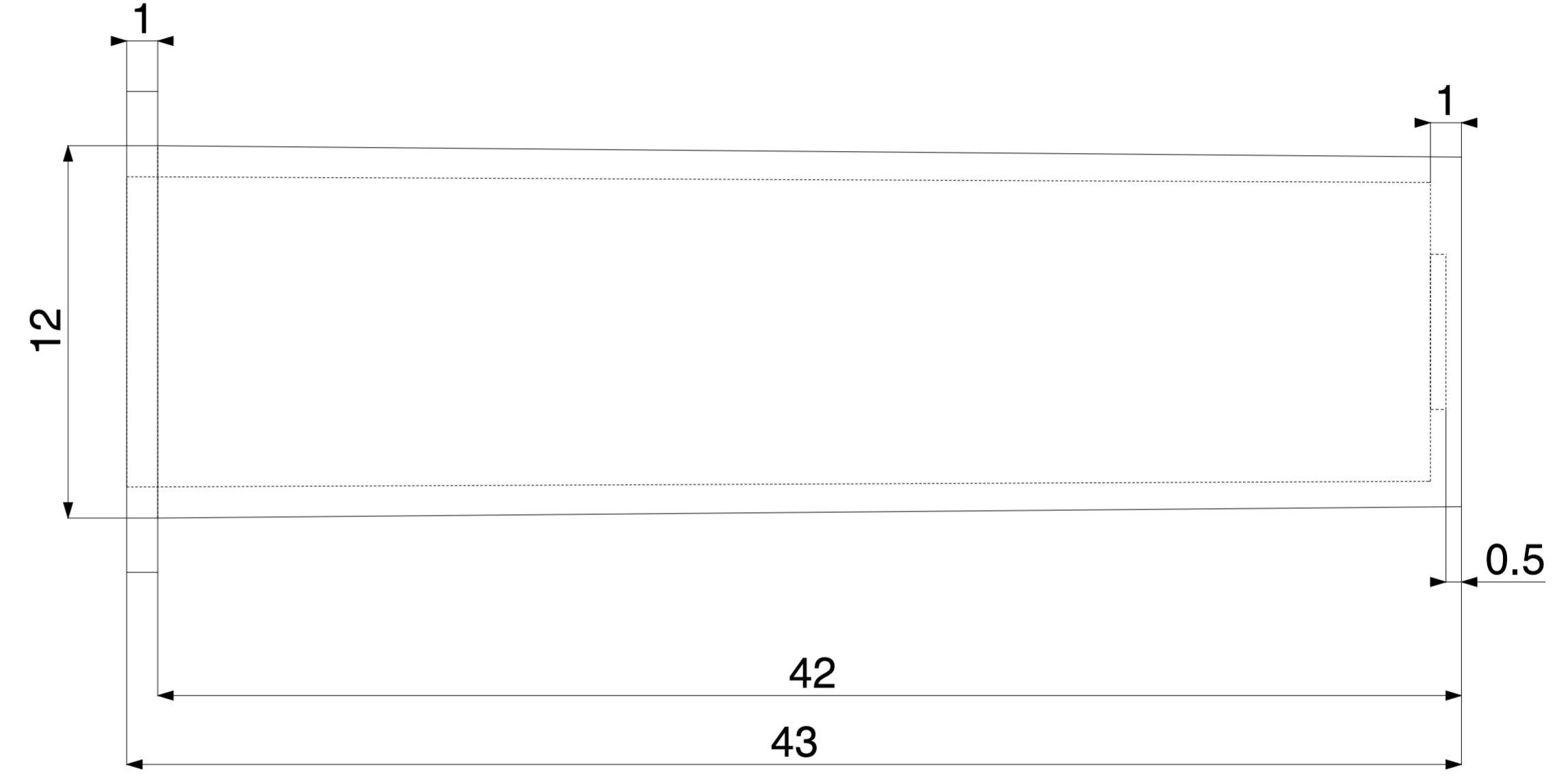
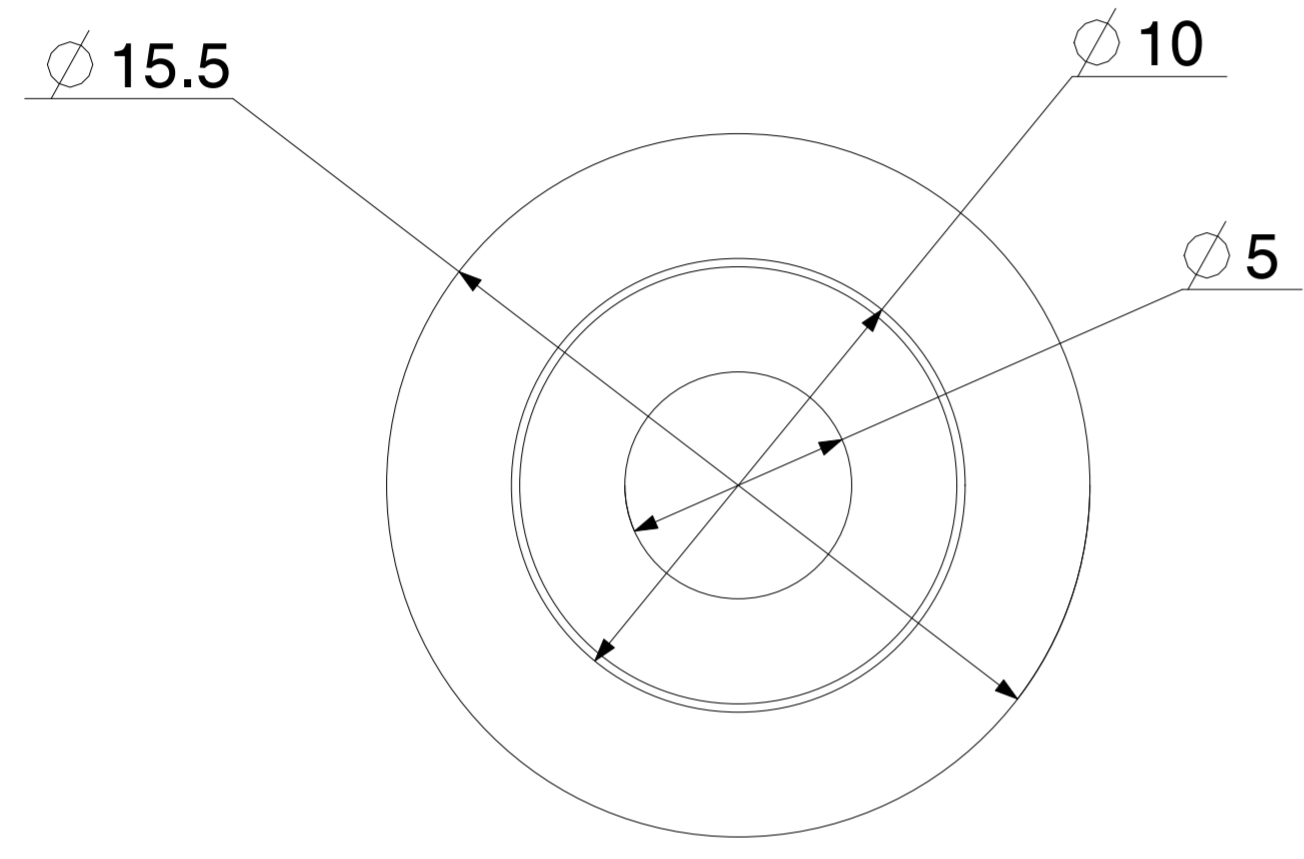
TITLE : THERMAL BREAK PANEL BREAKER FOR 50-45 / 55-54-SF SYSTEM

# REFERENCE STANDARDS - BSEN-755-9-2008

REV : 1

NOTE		
SL. NO.	NOTE	DESCRIPTION
1	□	INDICATES INSPECTION DIMENSION

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVE
1	INNER WALL DEPTH HAS BEEN DECREASED AND HIDDEN OF HOLE	16-08-2017	ADITYA



TOLERANCE #		APPROVALS		DATE
0.5 - < 11	± 0.30	DRAWN	DHANASEKAR	30-03-2026
11 - < 51	± 0.50	CHECKED	VISWA	30-03-2026
51 - < 80	± 0.70	APPROVED	KALEEL	
80 - < 120	± 1.00	MATERIAL: PA6 GF 30%		
> 120	± 1.20	WEIGHT : 1.97 grams		
-	-	COLOUR : BLACK		
-	-	THIRD ANGLE PROJECTION		
-	-			
-	-			
WARPAGE = ± 5 mm				
THE MAXIMUM ALLOWABLE DEVIATION FOR ANY ANGLE IS ± 2°		ALL DIMENSIONS ARE IN mm (MILLIMETERS)		

**VIVANT SOLUTIONS**  
VIVANT SOLUTIONS PRIVATE LIMITED,  
PLOT NO: 329, SIDCO THIRUMULLAIVOYAL,  
CHENNAI, TAMILNADU, INDIA

TITLE: SCREW SLEEVE FOR 45B/46B PANEL SYSTEM MODEL 1

PART NO: NY-SL-B4546-M1

FINISH : SHOT BLASTING

SIZE : A2	SCALE : 6:1	REV : 1
-----------	-------------	---------

# REFERENCE STANDARDS : ISO 286 - IT 13

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13

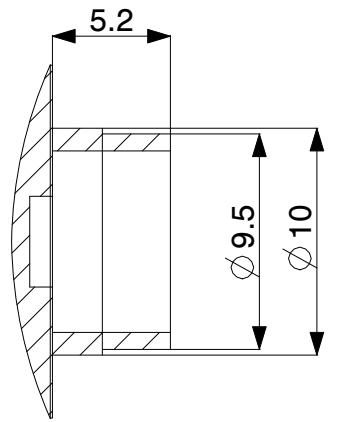
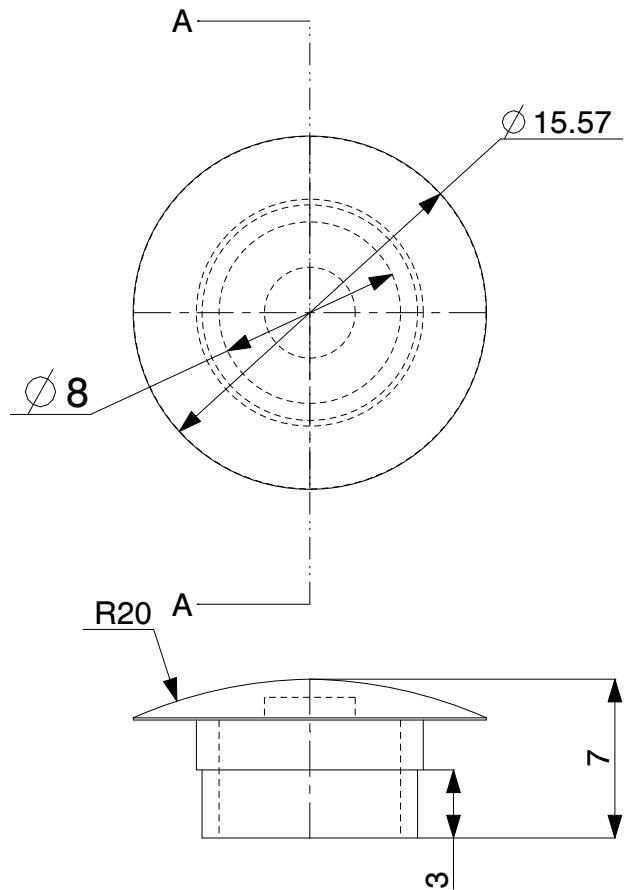
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11  
12  
13

A B C D E F H I J K L M N O P Q R S T

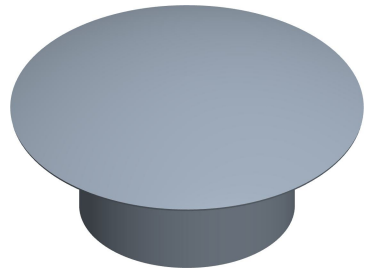
A B C D E F H I J K L M N O P Q R S T

MANUFACTURING NOTE		
SL. NO.	NOTE	DESCRIPTION
1	□	INDICATES INSPECTION DIMENSION

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVE
1	OUTER DIAMETER CHANGED FROM 15 mm TO 16 mm WITH 0.05mm CHAMFER IN THE DIAMETER	19/05/2019	ADITYA



SECTION A-A



TOLERANCE #		APPROVALS		DATE
0.5 - < 11	± 0.30	DRAWN	DHANASEKAR	02-04-2026
11 - < 51	± 0.50	CHECKED	VISWA	02-04-2026
51 - < 80	± 0.70	APPROVED	KALEEL	
80 - < 120	± 1.00	MATERIAL: PA6 GF 30%		
> 120	± 1.20	WEIGHT : 0.39 grams		
-	-	COLOUR : BLACK		
-	-	THIRD ANGLE PROJECTION		
-	-			
-	-			
-	-			
-	-			
WARPAGE = ± 5 mm				
THE MAXIMUM ALLOWABLE DEVIATION FOR ANY ANGLE IS ± 2°		ALL DIMENSIONS ARE IN mm (MILLIMETERS) UNTILL UNLESS SPECIFIED		

**VIVANT<sup>®</sup>**  
SOLUTIONS

VIVANT SOLUTIONS PRIVATE LIMITED,  
PLOT NO: 329, SIDCO THIRUMULLAIVOYAL,  
CHENNAI, TAMILNADU, INDIA

TITLE : SCREW SLEEVE STANDARD COMMON CAP		
PART CODE : NYSL-STD-CAP		
FINISH : SHOT BLASTING		
SIZE : A4	SCALE : 3:1	REV : 1
# REFERENCE STANDARDS - ISO 286 - IT 13		

1  
2  
3  
4  
5  
6

1  
2  
3  
4  
5  
6

A B C D E F G H I