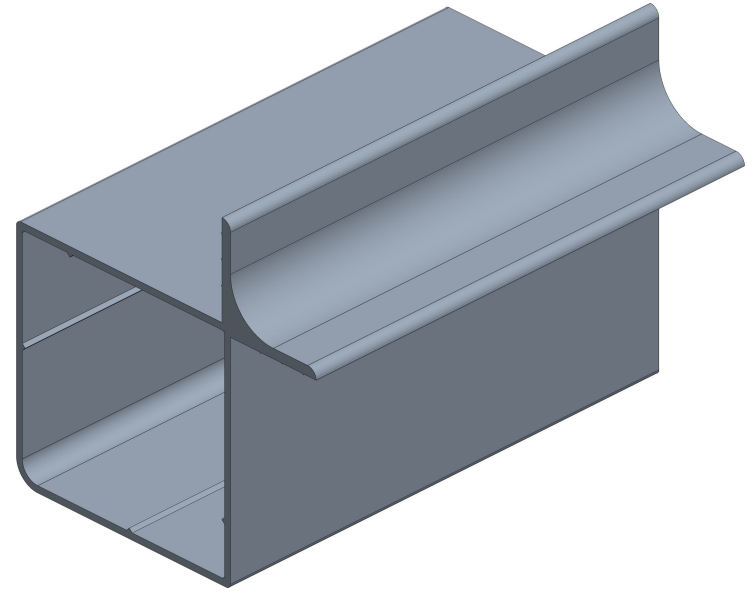
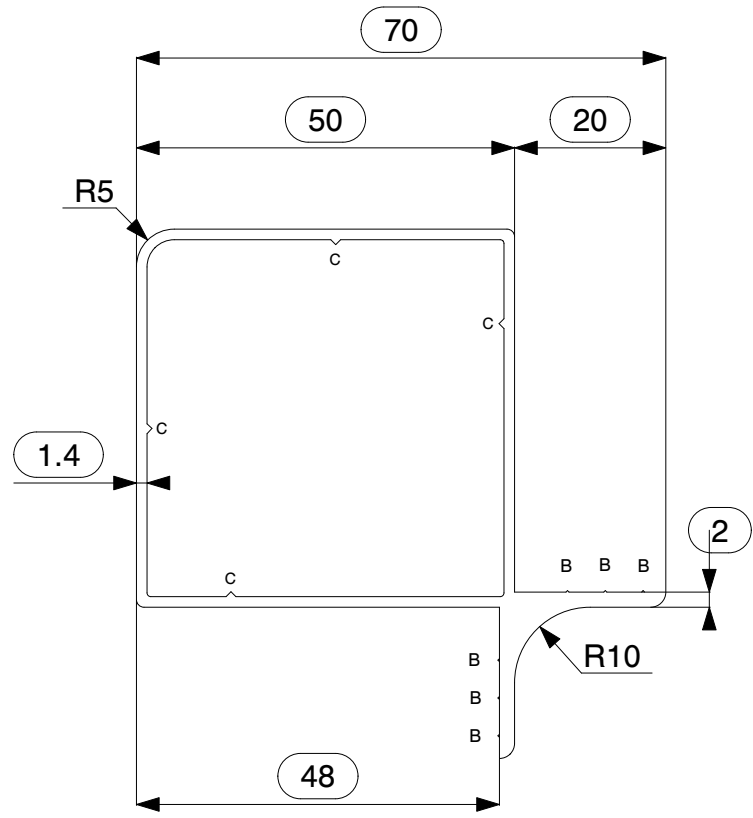



NOTE		
SL. NO.	NOTE	DESCRIPTION
1	☐	INDICATES INSPECTION DIMENSION

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVE



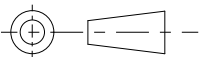
TOLERANCE #		APPROVALS		DATE
0.5 ~ < 10	±0.30	DRAWN	VISWA	29-01-2026
10 ~ < 25	±0.50	CHECKED	KALEEL	29-01-2026
25 ~ < 50	±0.70	APPROVED		
50 ~ < 100	±1.00	MATERIAL: EN AW 6063 - T6		
100 ~ < 150	±1.20	FINISH : MILL (Unless specified) Based on customer request on finish, below is applicable FOR ANODIZED : 5-10 MICRONS FOR POWDER COATED : 60-100 MICRONS		
THE MAXIMUM ALLOWABLE DEVIATION FOR ANY ANGLE IS ± 2°		PERIMETER: Ext : 271.98 mm Int : 188.76 mm		
TWIST ALONG THE LENGTH = 3 mm/M		AREA: 370.97 mm²		
STRAIGHTNESS = 5 mm/M		CUT LENGTH: 6000 (±10) mm		
FLATNESS : 0.008 X WIDTH		WEIGHT RANGE : 0.85 - 1.15 Kg/m		
SCALE : 1:1		ALL DIMENSIONS ARE IN mm (MILLIMETERS) UNTILL UNLESS SPECIFIED		
CORNER & FILLET RADII : < 5 - ±0.5mm > 5 - ± 10%				



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

TITLE : NON THERMAL BREAK OMEGA PROFILE FOR 50-45-TYPE-2 SYSTEM

PART CODE : NTBALC-5045-TYPE-2

THIRD ANGLE PROJECTION	SIZE : A4
	RIBS : B = 0.2 X 90° (6 PLACES) C = 0.65 X 90° (4 PLACES)

# REFERENCE STANDARDS - BSEN-755-9-2008      REV : 0

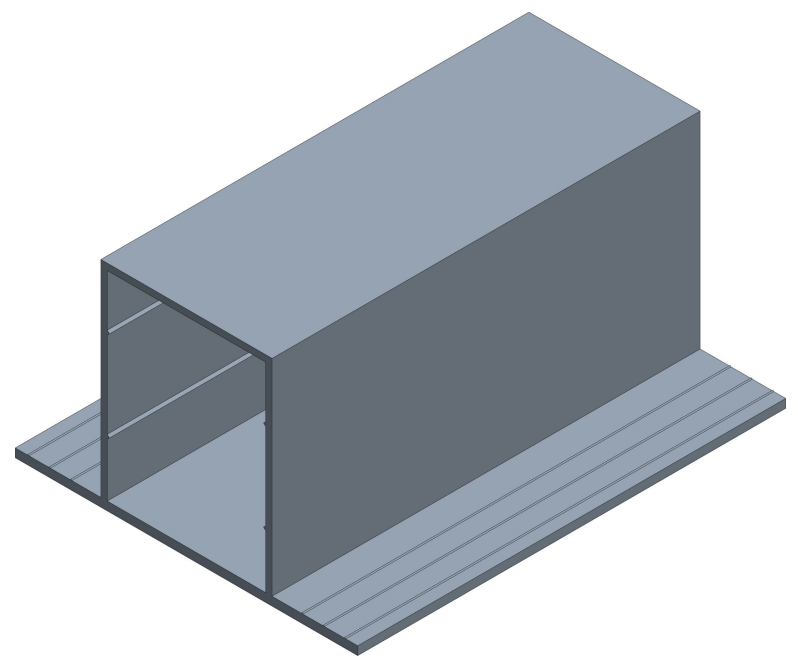
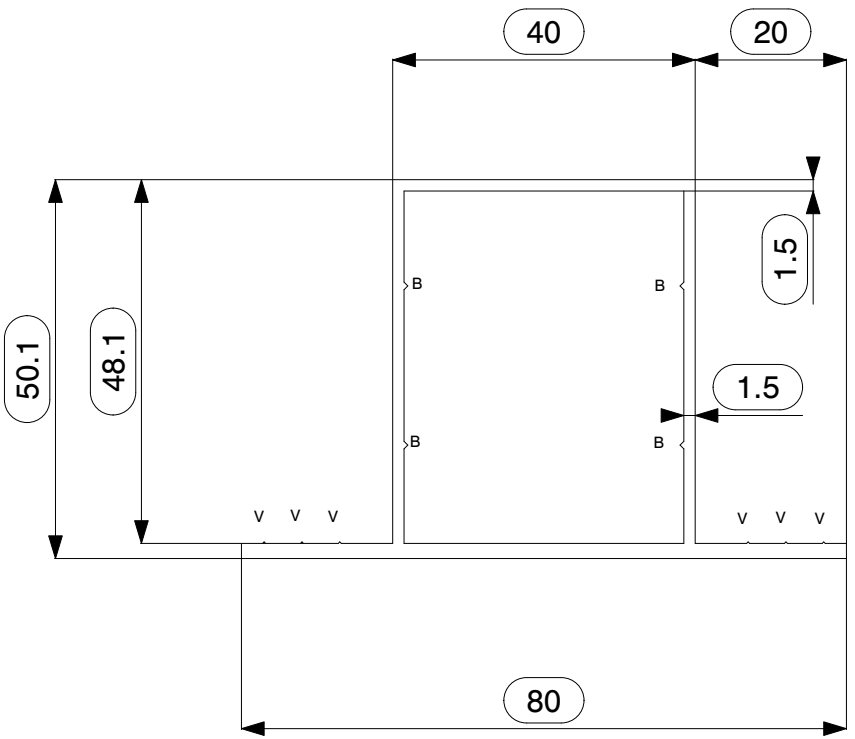
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NOTE		
SL. NO.	NOTE	DESCRIPTION
1	<input type="checkbox"/>	INDICATES INSPECTION DIMENSION

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVE



TOLERANCE #		APPROVALS		DATE
0.5 ~ < 10	±0.30	DRAWN	VISWA	23-09-2023
10 ~ < 25	±0.50	CHECKED	KALEEL	23-09-2023
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 : 261.19 mm Int : 168.86 mm	AREA: 361.04 mm <sup>2</sup>	
TWIST ALONG THE LENGTH = 3 mm/M		CUT LENGTH: 6000 (±10) mm		
STRAIGHTNESS = 5 mm/M		WEIGHT RANGE : 0.952 - 0.982 Kg/m		
FLATNESS : 0.008 X WIDTH		ALL DIMENSIONS ARE IN mm (MILLIMETERS) UNTILL UNLESS SPECIFIED		
SCALE : 1:1				
CORNER & FILLET RADII : < 5 - ±0.5mm > 5 - ± 10%				

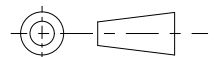


**VIVANT**<sup>®</sup>  
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VIVANT SOLUTIONS PRIVATE LIMITED,  
PLOT NO: 329, SIDCO THIRUMULLAIVOYAL,  
CHENNAI, TAMILNADU, INDIA

TITLE : NON THERMAL BREAK OMEGA PROFILE FOR 50-45-TYP 2 SYSTEM

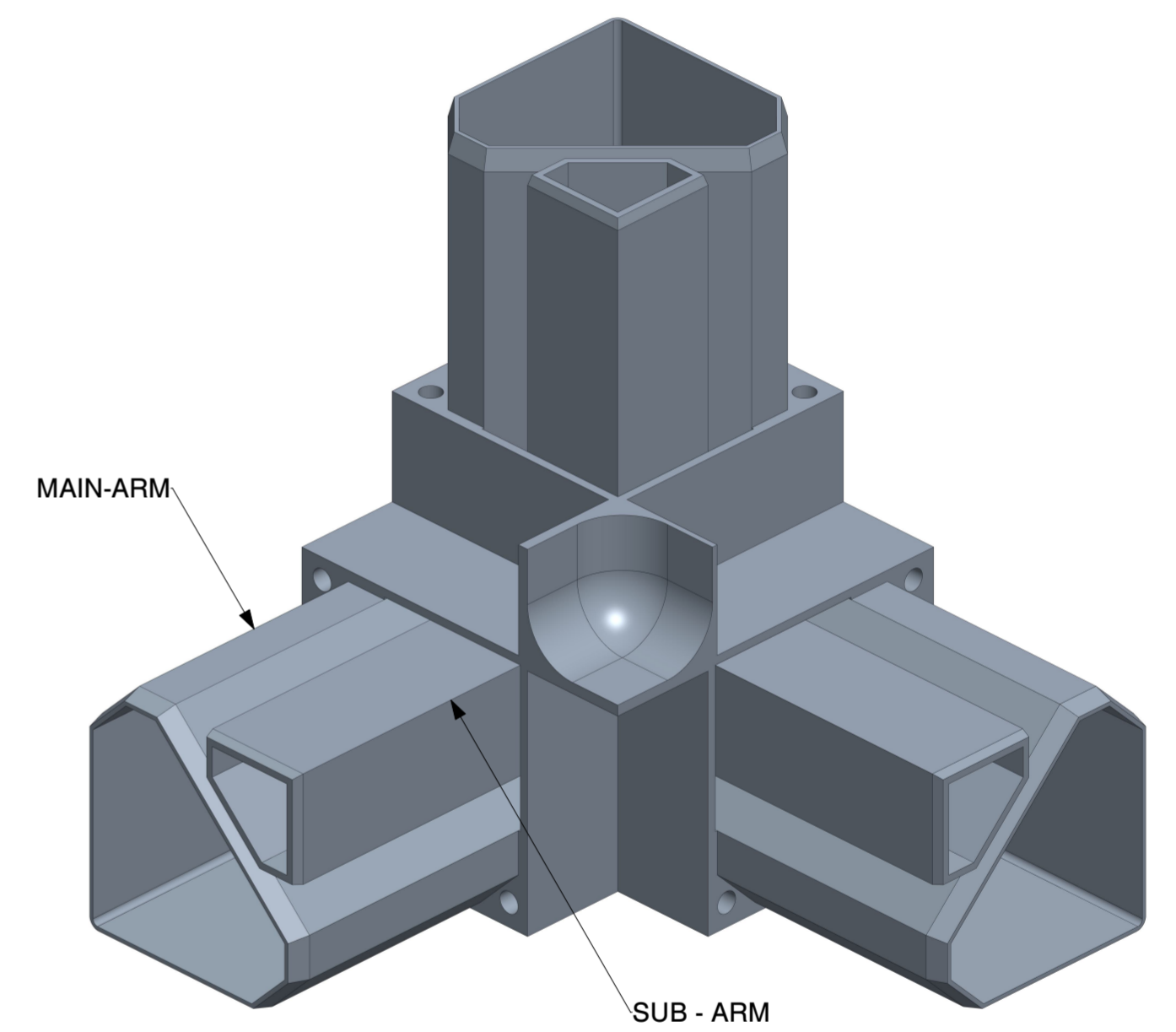
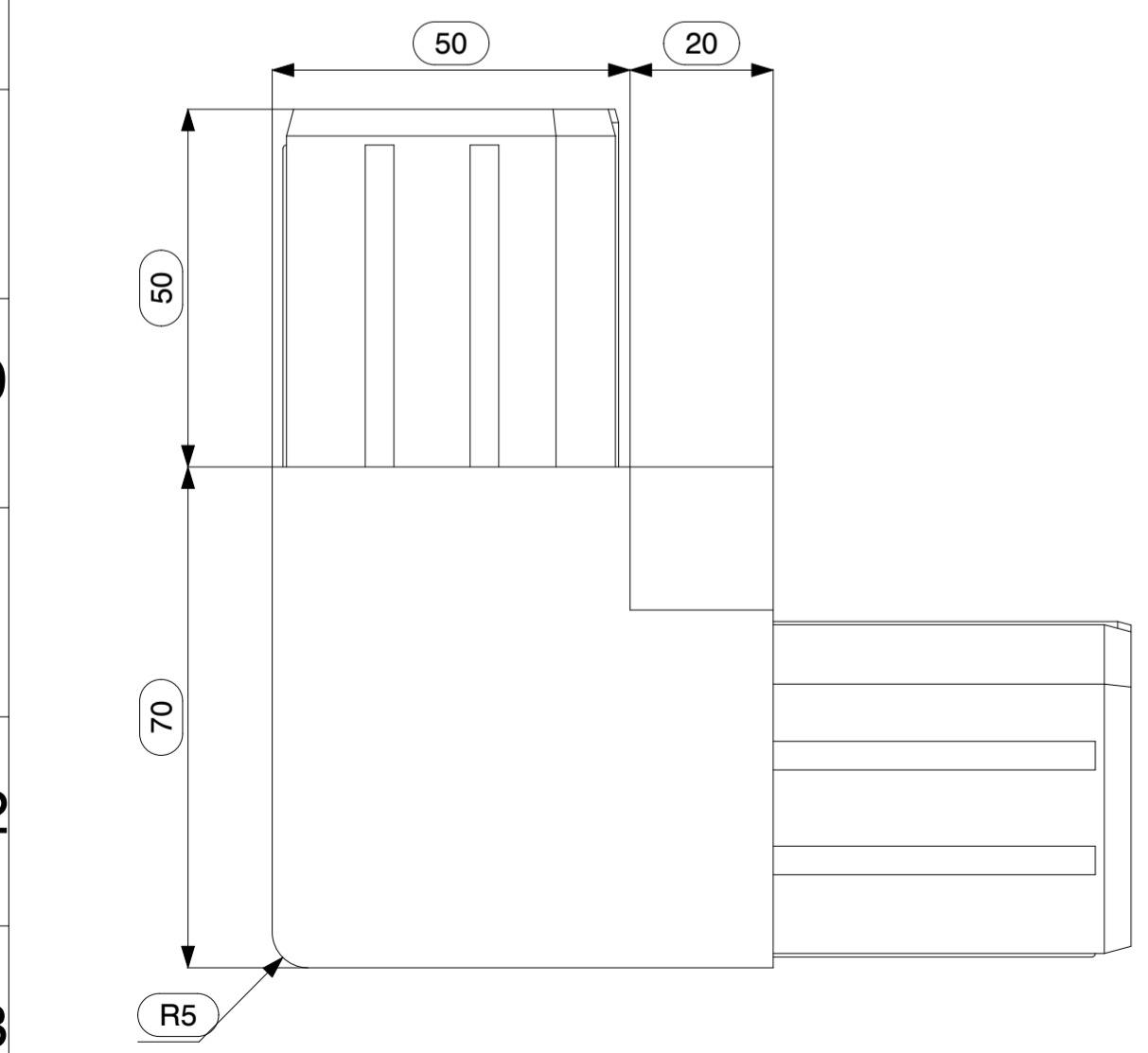
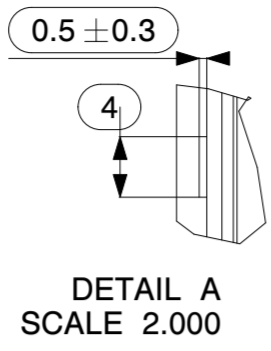
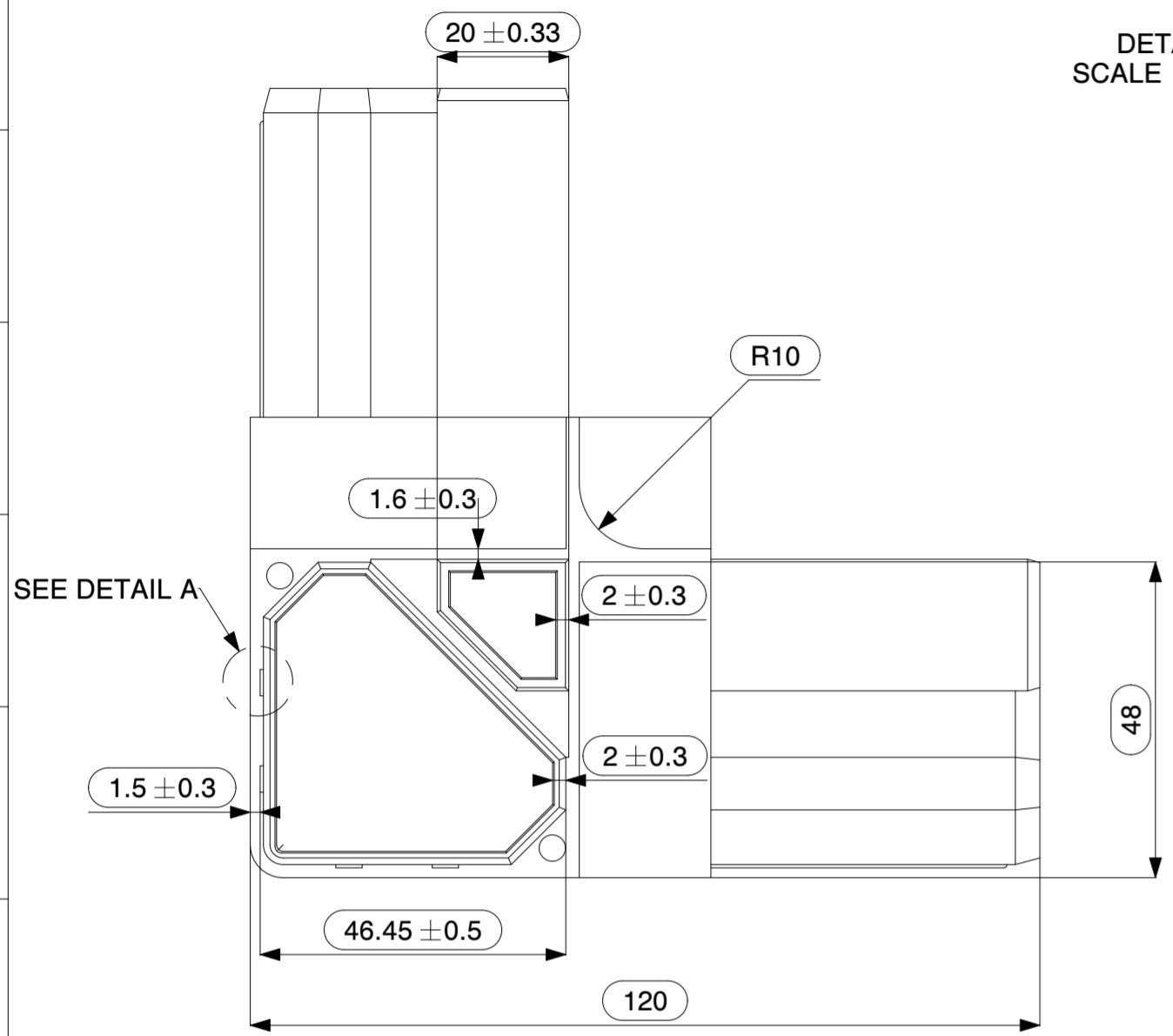
PART CODE : NTBALO-5045-TYP 2

THIRD ANGLE PROJECTION	SIZE : A4
	RIBS : B = 0.5 X 90° (4 PLACES) V = 0.2 X 90° (6 PLACES)
# REFERENCE STANDARDS - BSEN-755-9-2008	REV : 0

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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		
-	-			
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WARPAGE = ± 5 mm				
THE MAXIMUM ALLOWABLE DEVIATION FOR ANY ANGLE IS ± 2°				

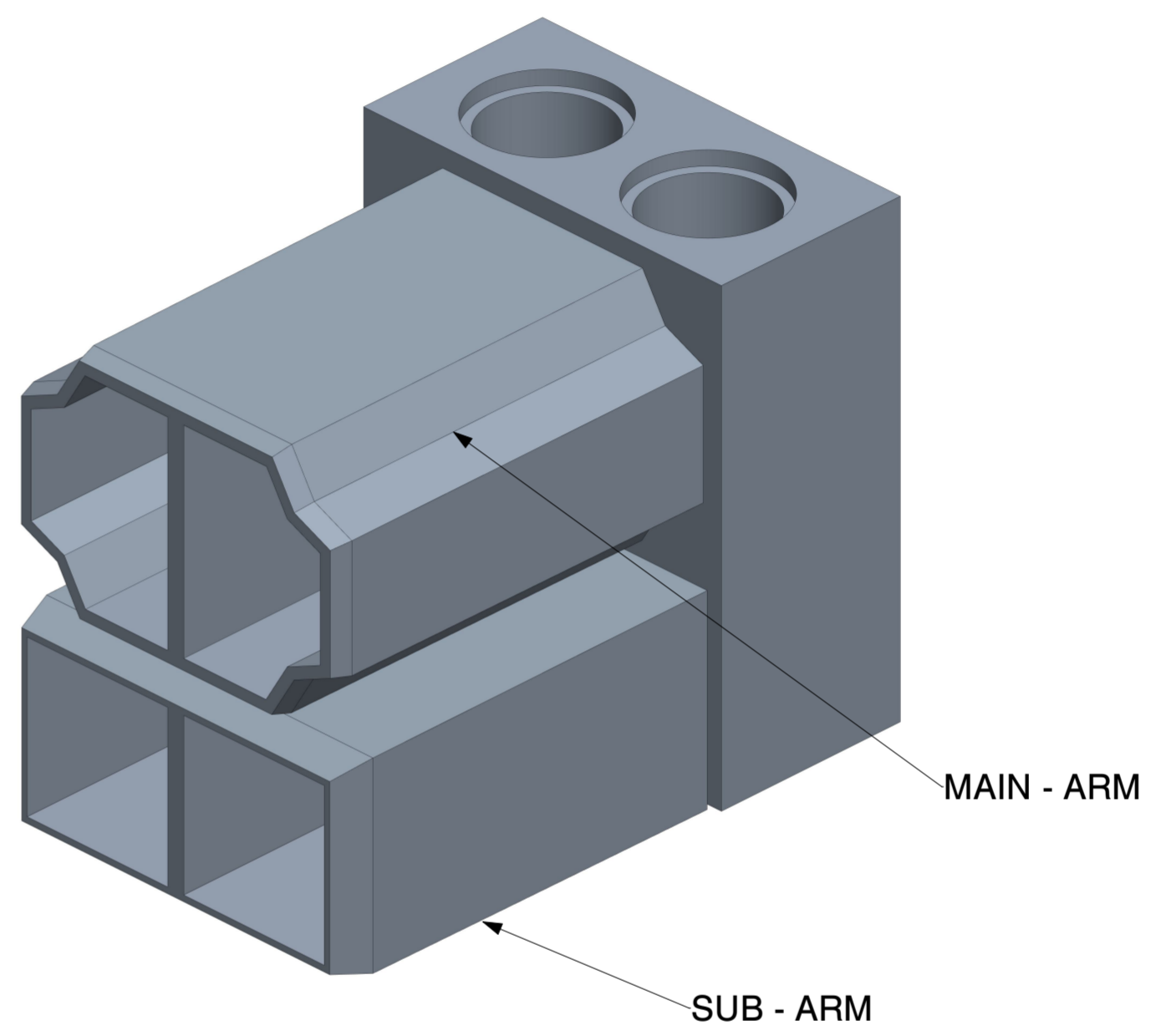
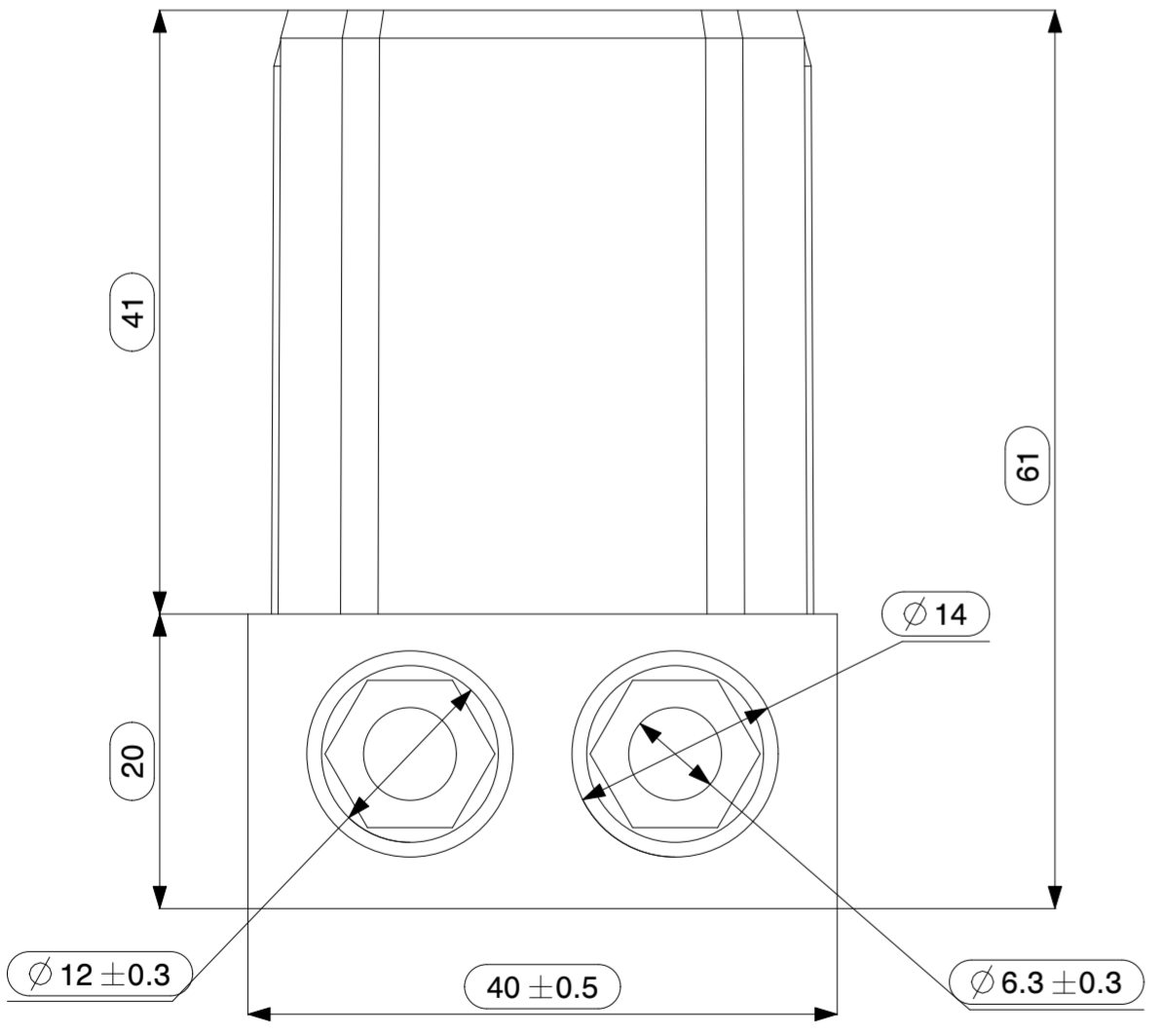
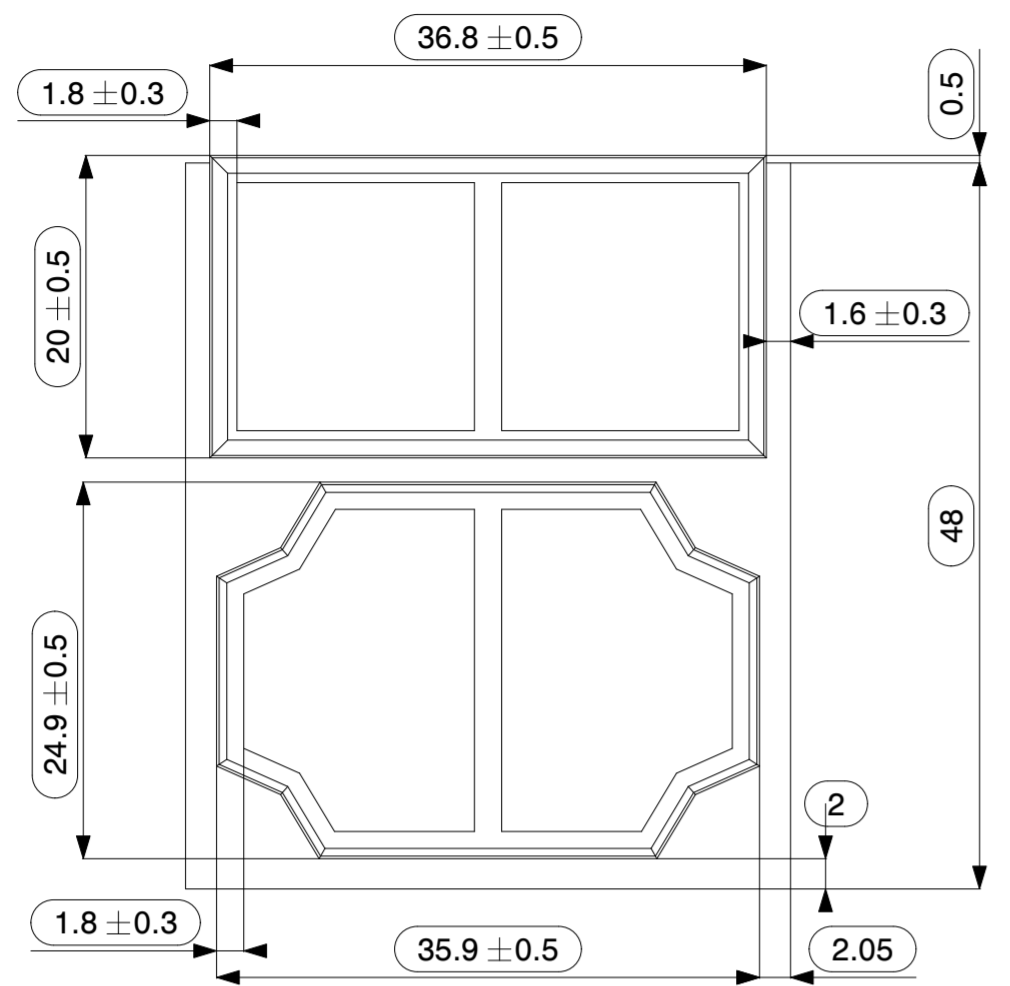
**VIVANT SOLUTIONS**  
 VIVANT SOLUTIONS PRIVATE LIMITED,  
 PLOT NO: 329, SIDCO THIRUMULLAIVOYAL,  
 CHENNAI, TAMILNADU, INDIA

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

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
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# REFERENCE STANDARDS : ISO 286 - IT 13

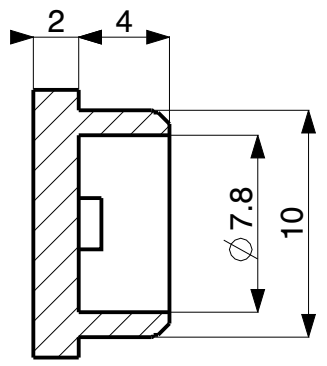
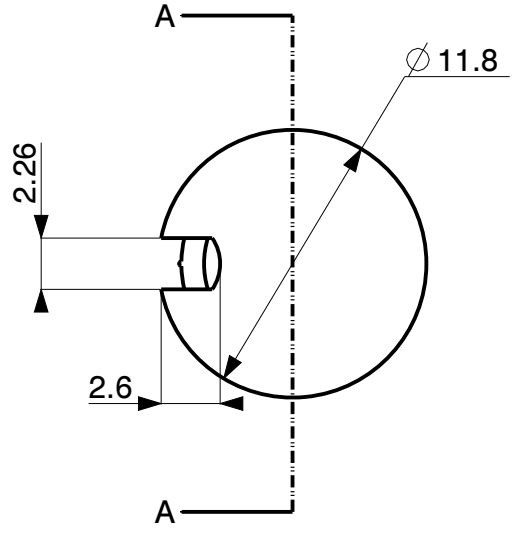
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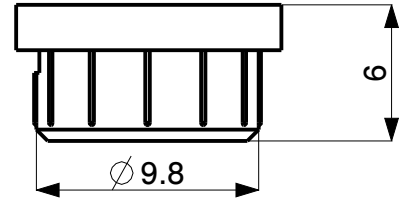
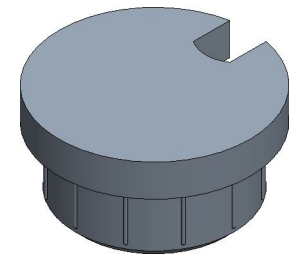
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MANUFACTURING NOTE		
SL. NO.	NOTE	DESCRIPTION
1	□	INDICATES INSPECTION DIMENSION

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVE
1	ADDITION OF RIBS IN INTERNAL DIAMETER	27/02/2019	FOUZAN



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 : 0.42 grams		
-	-	COLOUR : BLACK		
-	-	THIRD ANGLE PROJECTION		
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-	-			
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 : NON THERMAL BREAK OMEGA JOINTER CAP FOR 50-45-TYP2		
PART CODE : NTB-NYOJC-50-45-TYP2		
FINISH : SHOT BLASTING		
SIZE : A4	SCALE : 3:1	REV : 1
# REFERENCE STANDARDS - ISO 286 - IT 13		

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