

P03366

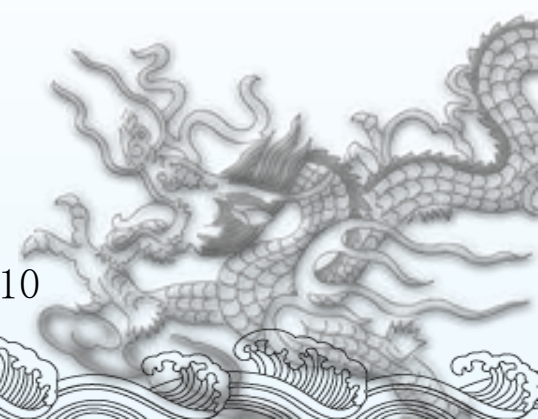
V13b Dummy BMs Fixtures-Mechanical Parts-QTS

Evaluation Report

- ※ Catalogue(目录)
- ※ Drawing Tolerance Confirmation Detail (图纸公差确认)
- ※ Problems (图纸问题点)
- ※ Questions (疑问)

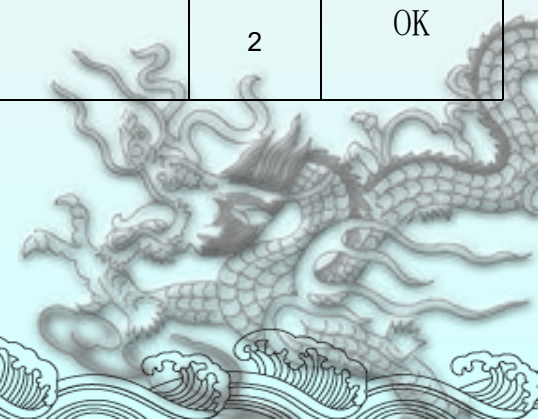
Make:

Date : 2022/10/10



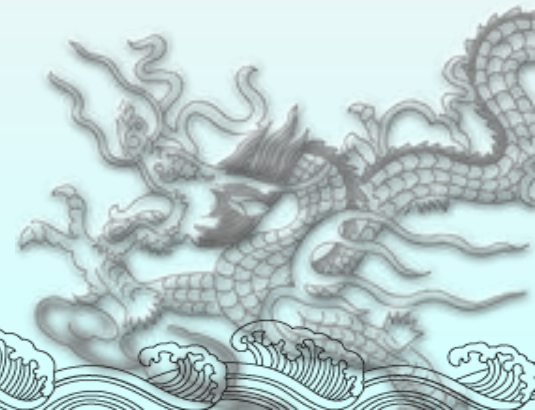
P03366 Drawing Tolerance confirmation List

Drawing no.	Part name	Qty	determine
AI-17806-1	MMP-17806 MOTOR PLATE, X-AXIS, JAW V3	2	OK
AI-17808-1	MMP-17808 BELT CLAMP, X-AXIS POWER, JAW	8	OK
AI-17811-1	IAMM-17811 FRONT PLATE, FRAME, JAW STATIC, IASM	2	OK
AI-17815-1	MMP-17815 TOP PLATE, FRAME, JAW STATIC	2	NG
AI-17816-1	MMP-17816 SIDE WALL, FRAME, JAW STATIC	2	NG
AI-18819-1	MMP-18819 BASE PLATE, ELECTRONICS, UPPER JAW	2	OK
AI-18820-1	MMP-18820 SIDE PLATE, FRAME, UPPER JAW	2	NG
AI-18821-1	MMP-18821 SIDE PLATE, FRAME, UPPER JAW, MIRROR	2	NG
AI-18823-1	MMP-18823 MOUNTING, SLIP RING, JAW	2	OK
AI-18972-1	MMP-18972 SIDE WALL, FRAME, JAW STATIC, MIRROR	2	OK

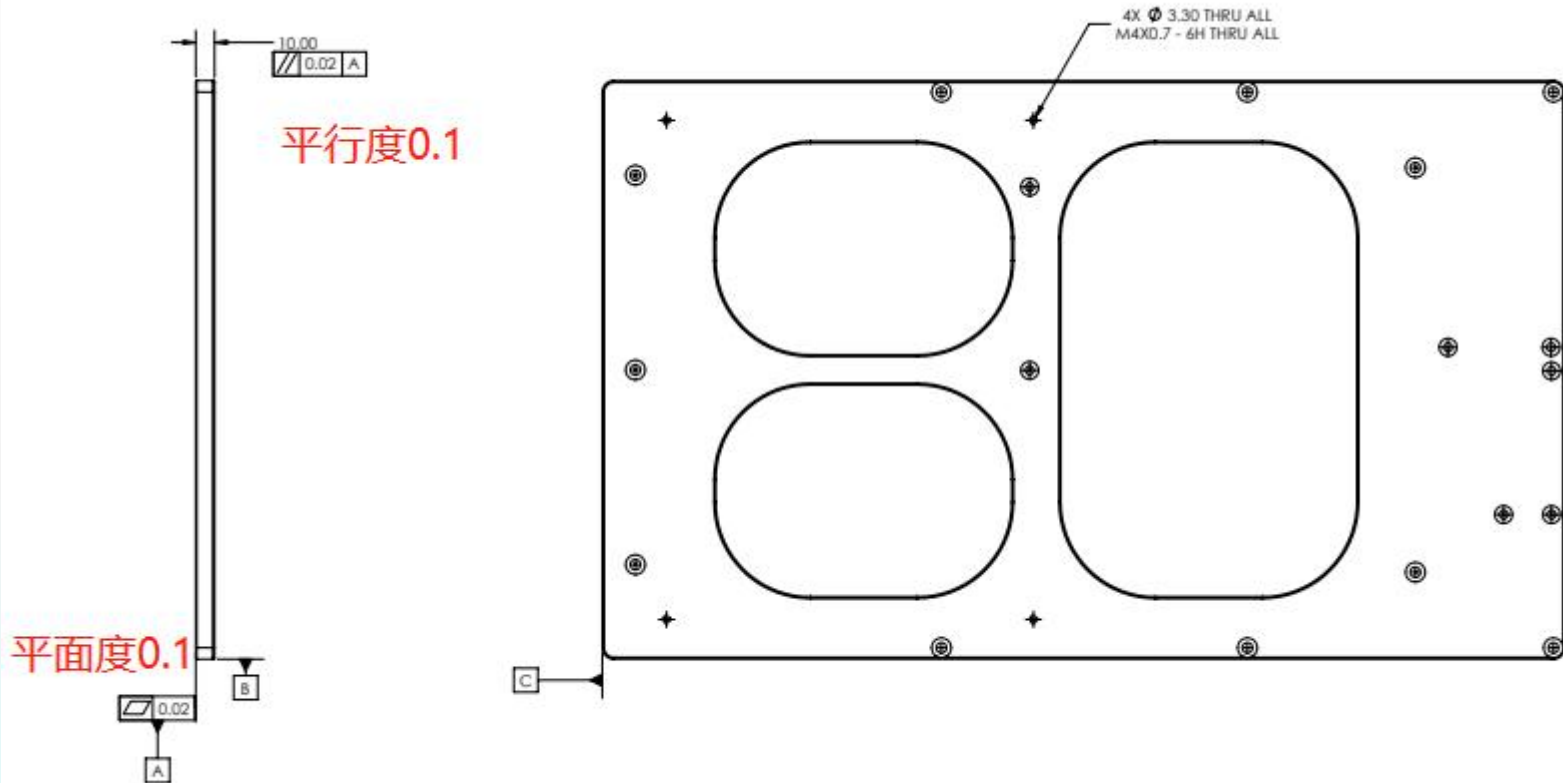


P03366 Drawing Tolerance confirmation List

Summary: We reviewed all drawings in P03366, we can meet drawing requirement. But we find a problem on **AI-017815-01** , **AI-017816-01** , **AI-018820-01**, **AI-018821-01**, please see below .



Problems on AI-017815-01

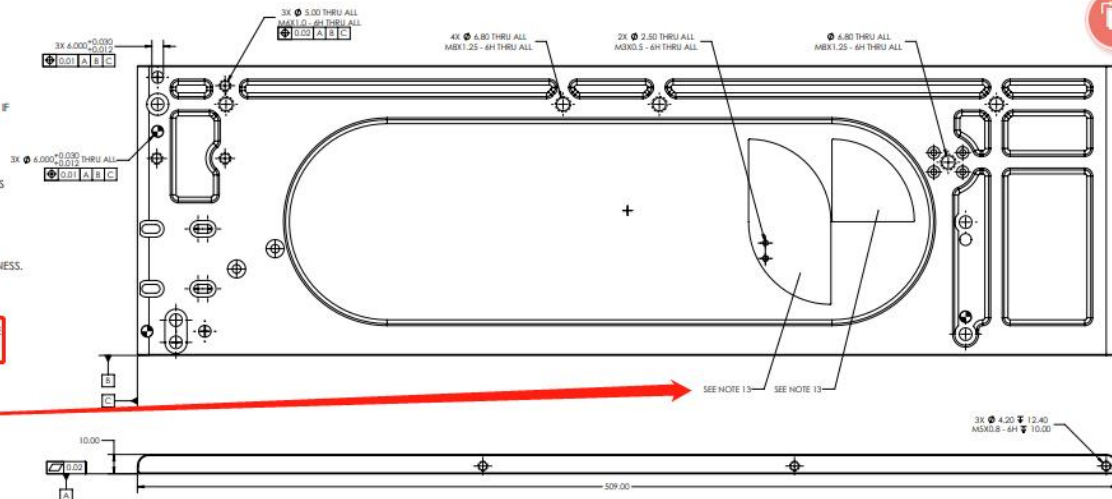


Problems on AI-017816-01

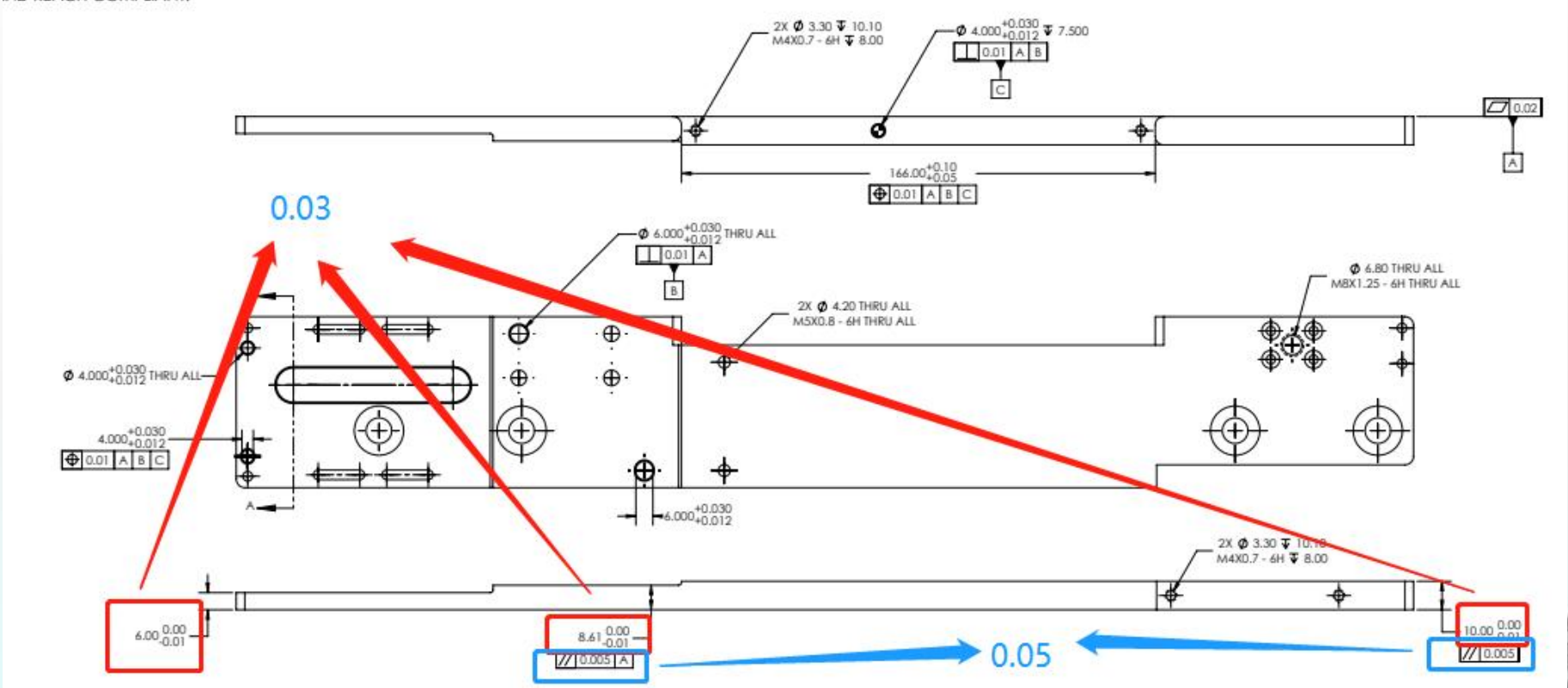
NOTES, UNLESS OTHERWISE SPECIFIED:

1. GD&T PER ASME Y14.5-2018
2. USE COMPUTER AIDED DESIGN FILE FOR COMPLETE PRODUCT DEFINITION. ALL DIMENSIONS ON CAD MODEL ARE BASIC.
3. UNDIMENSIONED MODEL GEOMETRY IS HELD TO ± 0.2 A B C
4. ALL THREAD DEPTHS ARE MINIMUM DIMENSIONS. DO NOT BREAK THRU PILOT HOLE IF CAD MODEL DOES NOT BREAK THRU
5. DIMENSIONS APPLY AFTER FINISH IS APPLIED.
6. BREAK OR DEBURR ALL EDGES 0.3MM.
7. FINISHED ARTICLE MUST BE FREE OF OILS, LUBRICANTS, AND OTHER CONTAMINANTS
8. IDENTIFY PART WITH AMPLE PART MARKING PER AI-019136-1 AT APPROX. WHERE INDICATED BY \square . IF NOT INDICATED CHOOSE LOCATION.
9. FINISH TO BE BLEMISH FREE FROM 4FT DISTANCE UNDER AMBIENT LIGHT.
10. HARD ANODIZE PER MIL-A-8625, TYPE II, CLASS 1, UN-DYED, $40\mu\text{m} \pm 10\mu\text{m}$ THICKNESS.
11. 6061-T6 ALUMINUM PLATE PER ASTM B209.
12. MATERIALS AND FINISH MUST BE ROHS AND REACH COMPLIANT.
13. AFTER HARD ANODIZING, PAINT INDICATED LOCATION DARK GREY. MASK OFF THE PART AND APPLY MATTE CLEAR COAT TO THE PAINTED AREA ONLY.

需要喷涂,厚度多少?
侧壁厚度0.5MM无法遮喷

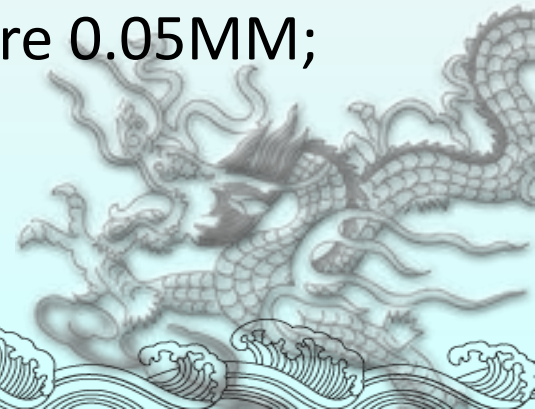


Problems on AI-018820-01 AI-018821-01



Question

1. Al-17815-1 parts are thin, and the flatness of this surface is guaranteed to be 0.1MM;
2. Some parts of Al-17816-1, need to be sprayed, the side wall 0.5mm cannot be covered, and the edge is easy to accumulate; The flatness 0.02 can be controlled within 0.1MM;
3. The tolerance of Al-18820-1 and Al-18821-1 is 0.03MM, and the parallelism, flatness and perpendicularity are 0.05MM;



Thanks for watching!

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