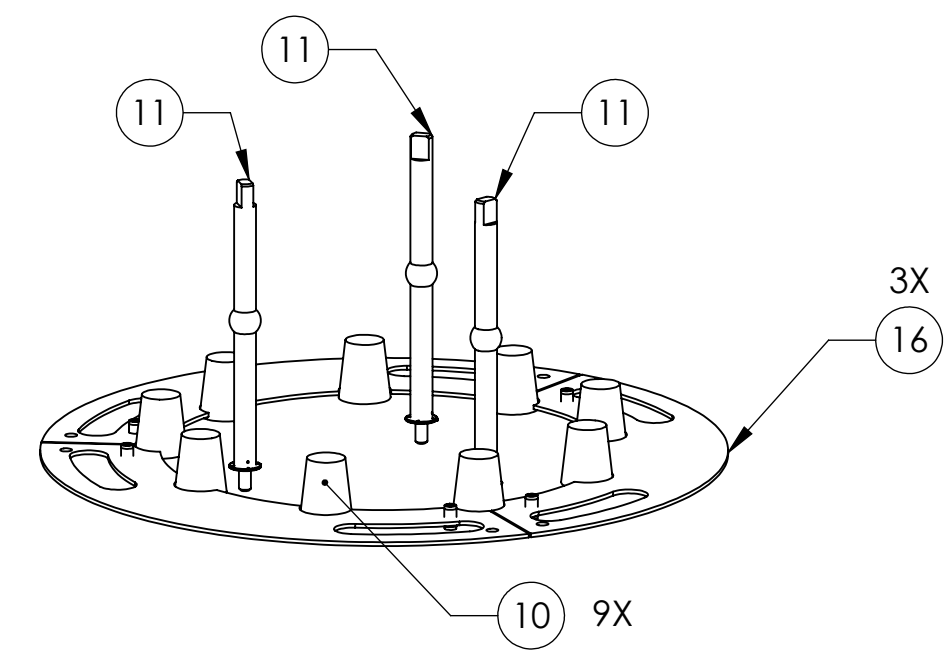
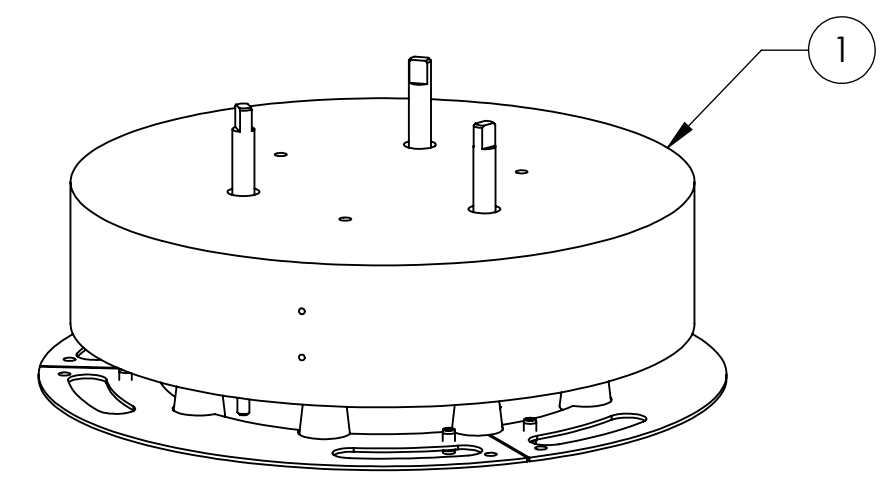


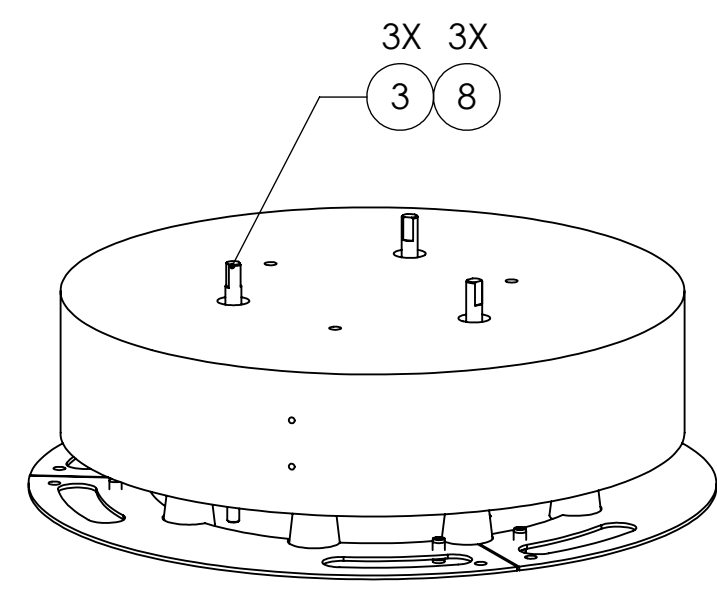
REV.	DATE	DCN #	DRAWING TREE #



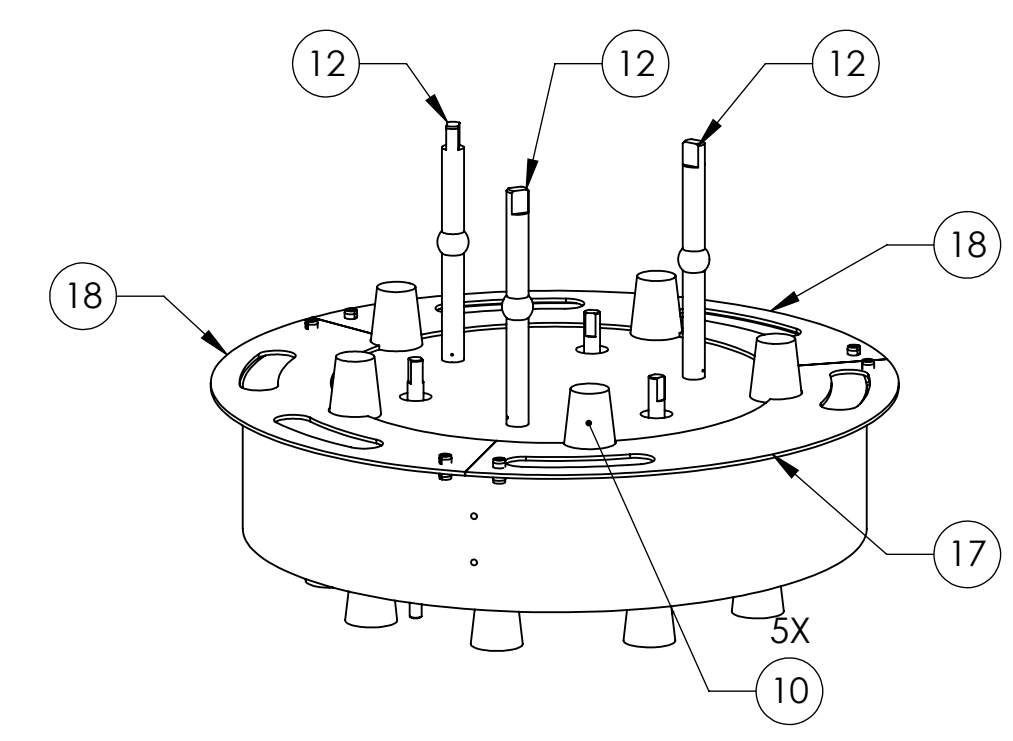
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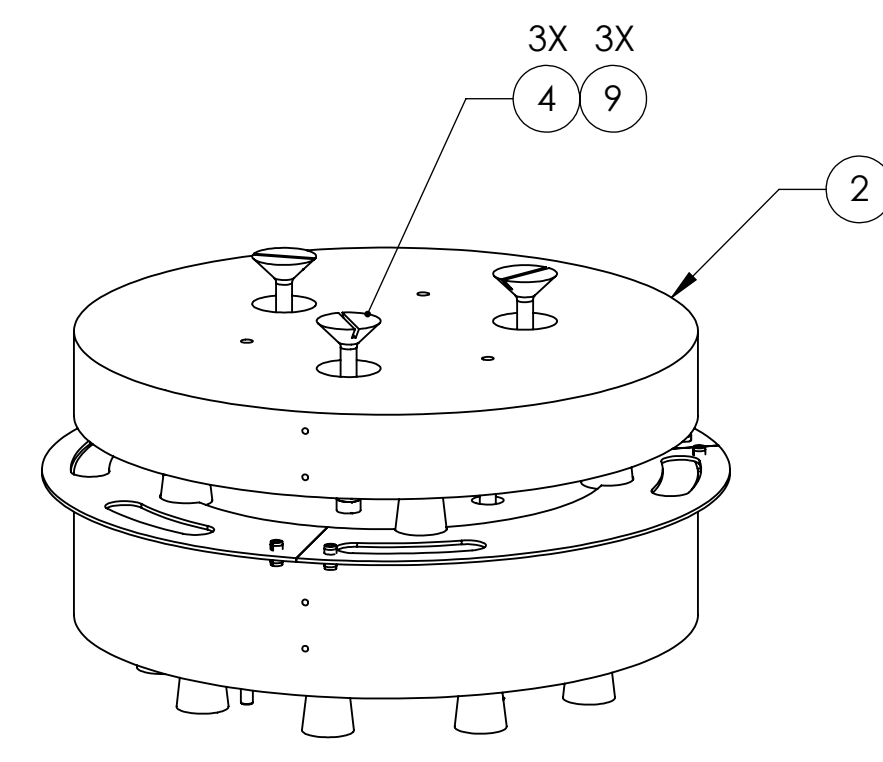
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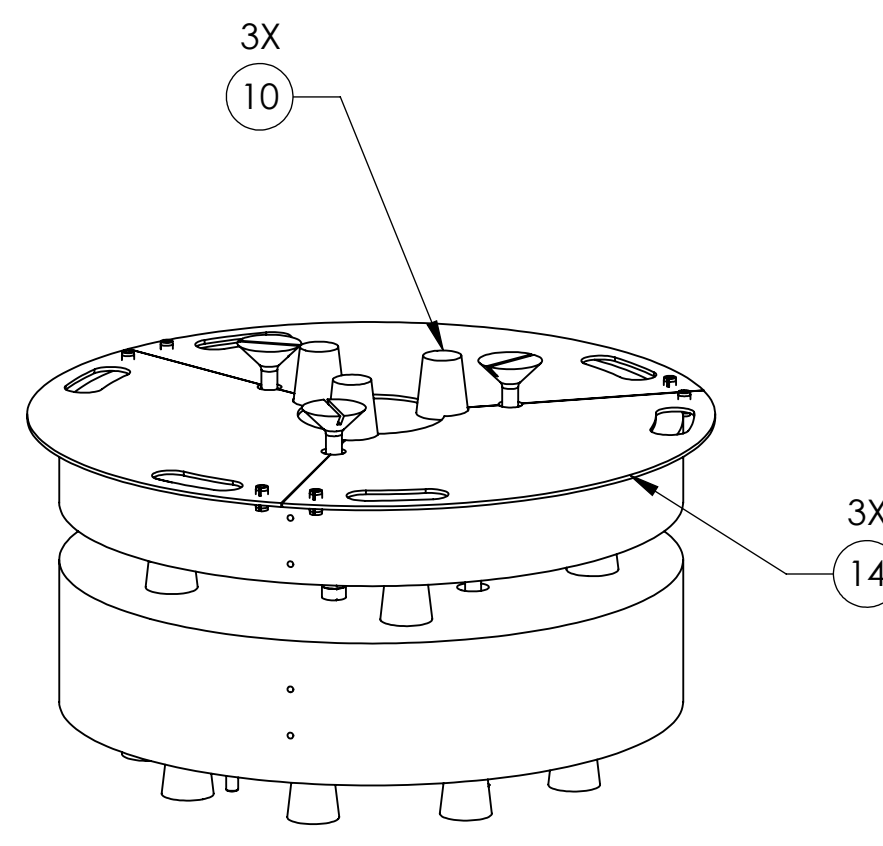
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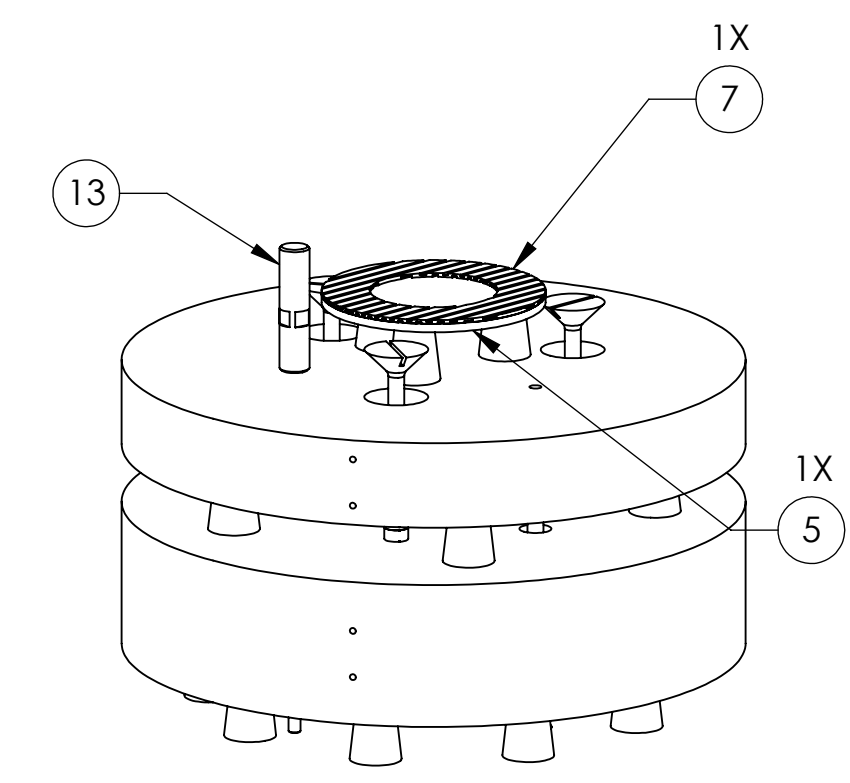
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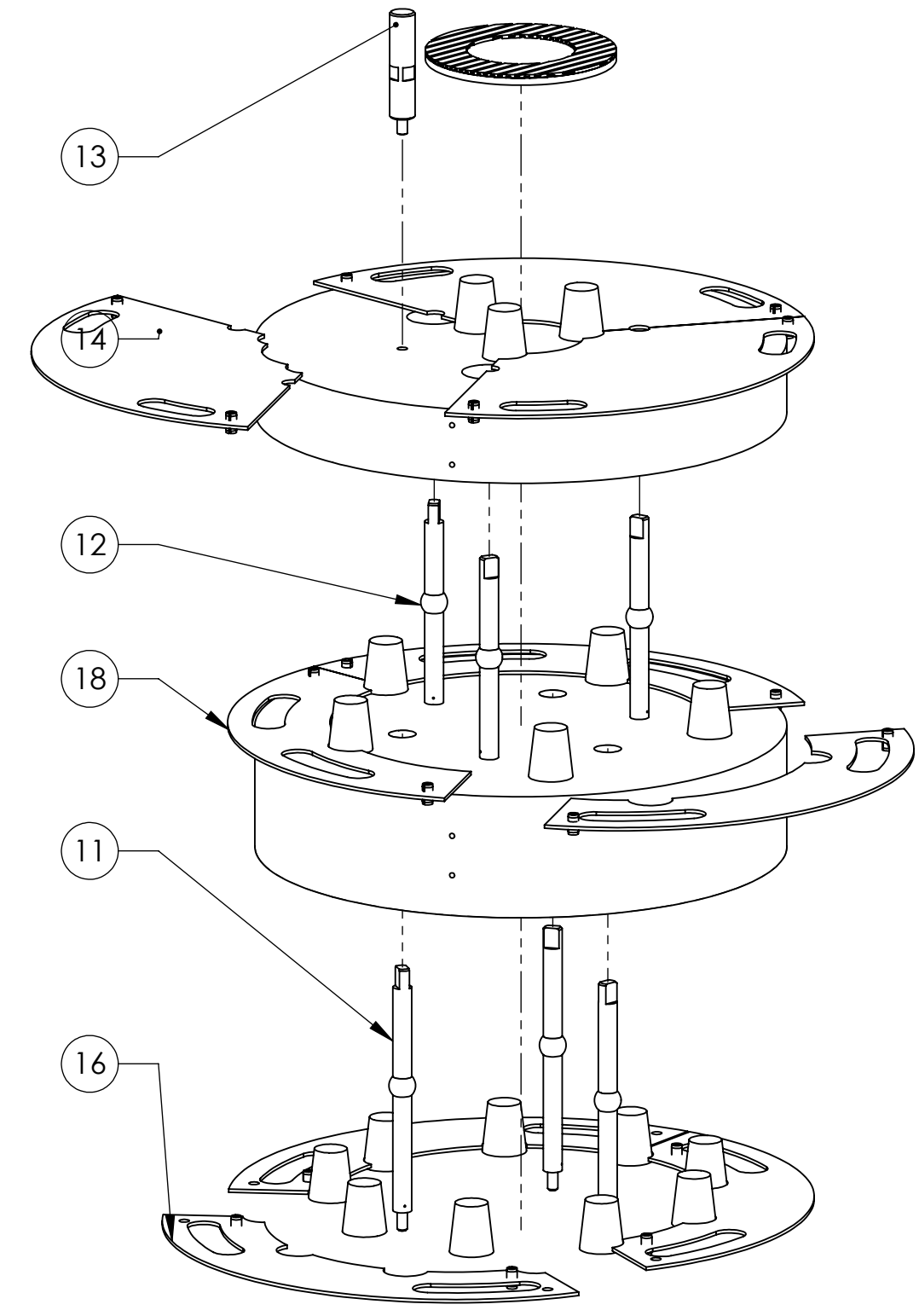
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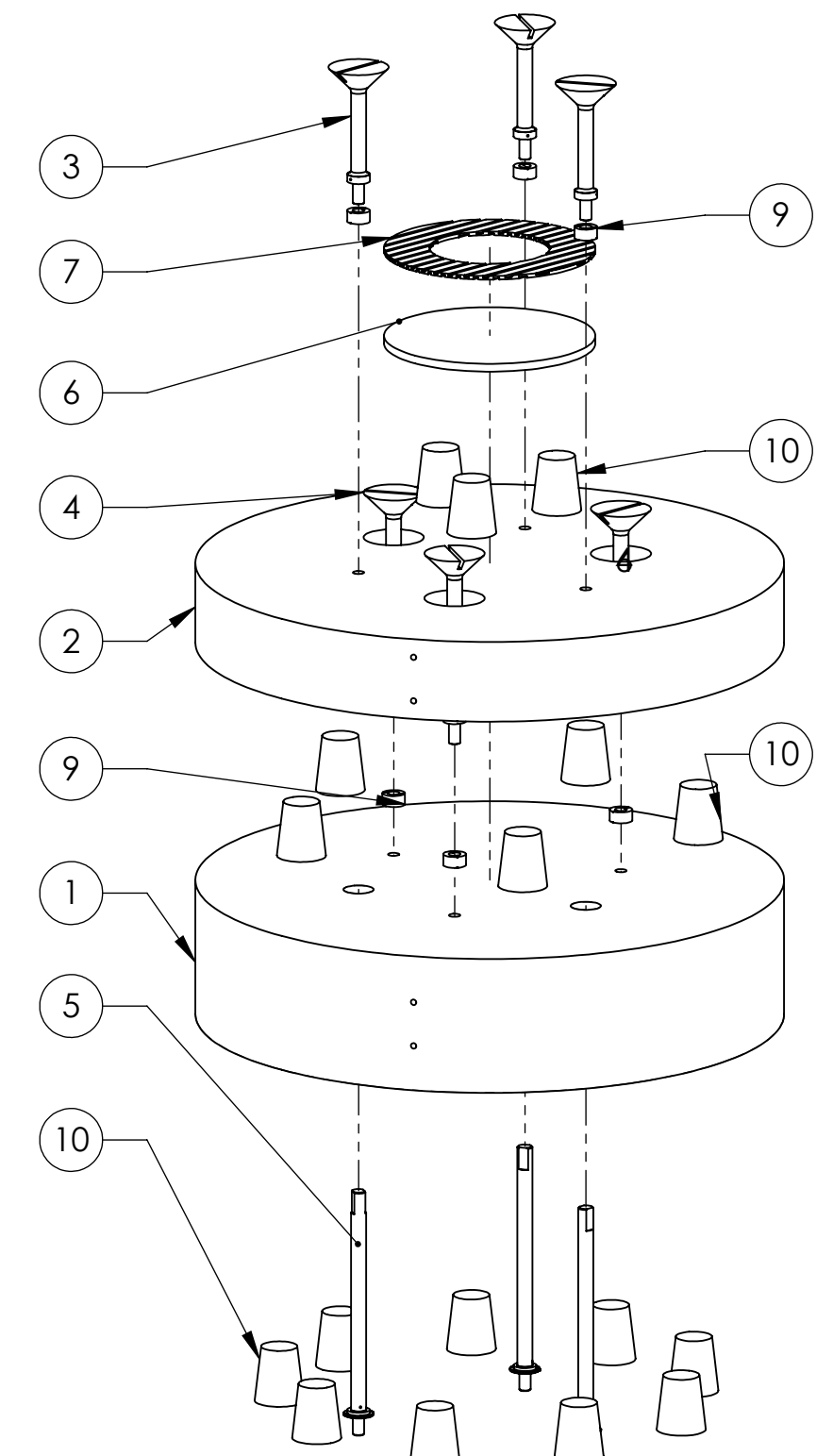
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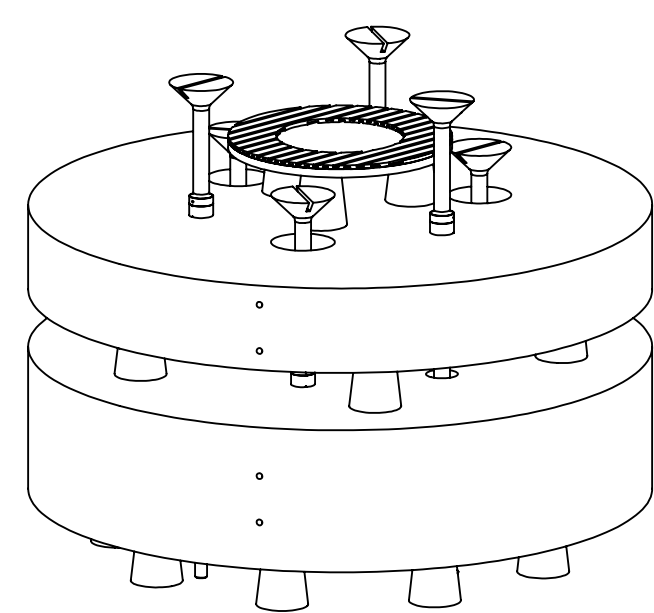
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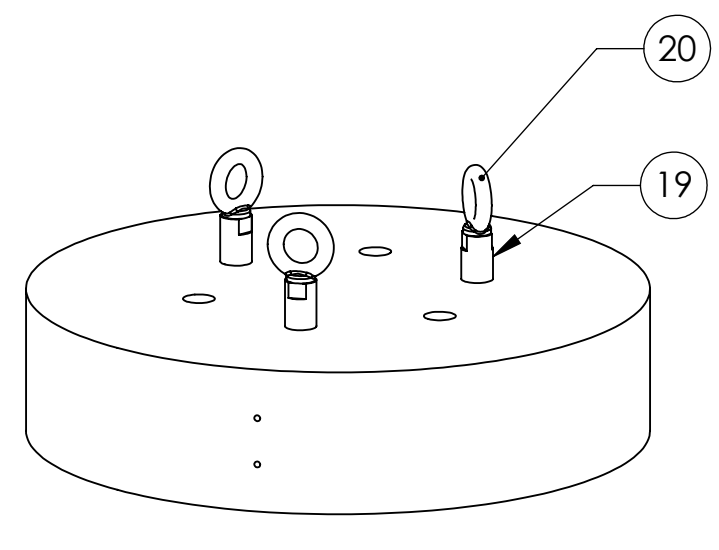
TOOLING



PARTS



FINISHED STACK



LEG ELEMENT LIFTING HARDWARE

ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	RE Q	SPA RE	TOT AL
20	Hardware	For Lifting Elements, Chain, Eyes, etc	18-8 SSSL	3		3
19	D972982	HOIST ADAPTER, LEG ELEMENT, HAM, aLIGO	Brass	3		3
18	D1200300	HAM Passive Stack Viton Spring Alignment Tool	6061-T6 Al	2		2
17	D1200302	HAM Passive Stack Viton Spring Alignment Tool	6061-T6 Al	1		1
16	D1200301	HAM Passive Stack Viton Spring Alignment Tool	6061-T6 Al	3		3
15	McMASTER 92373A554	PIN, SPRING, SLOTTED, 18-8	18-8 SSSL	18		18
14	D1200303	HAM Passive Stack Viton Spring Alignment Tool (4 half)	6061-T6 Al	3		3
13	D972986	Centering Pin, Optics Table, HAM	Brass	2		2
12	D972715-7	LOCATING PIN, PASSIVE STACK, HAM, aLIGO	Aluminum Bronze	3		3
11	D972217-7	LOCATING PIN, PASSIVE STACK, BSC, aLIGO	Aluminum Bronze	3		3
10	D1003012	VITON SPRING	FLUOROELASTOMER	17		17
9	D972716	Washer, Vented, Passive Stack, HAM .4" ID .75" OD .375 Thk	304 SSSL	6		6
8	Vented Washer, Thin	VENTED WASHER, .4" ID, 1" OD, .07 thk, 18-8	18-8 SSSL	3		3
7	D972714	FLUOREL SHIM, PASSIVE STACK, HAM, aLIGO	FLUOROELASTOMER	1		1
6	D972715-1	HAM LEG SCREW 1, PASSIVE STACK, aLIGO	304 SSSL	3		3
5	D972216-5	SHIM, PASSIVE STACK, HAM, aLIGO	304 SSSL	1		1
4	D972715-3	HAM LEG SCREW 2, PASSIVE STACK, aLIGO	304 SSSL	3		3
3	d972715-5	SAFETY PIN, PASSIVE STACK, HAM, aLIGO (TIN COATED)	304 SSSL	3		3
2	D972713	LEG ELEMET 2, PASSIVE STACK, HAM, aLIGO	304 SSSL	1		1
1	D972712	LEG ELEMENT, PASSIVE STACK, HAM, aLIGO	304 SSSL	1		1

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN

TOLERANCES:
 .XX ±
 .XXX ±

ANGULAR ± °

MATERIAL

FINISH

μinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

ADVANCED LIGO SUB-SYSTEM **ISC**

LEG ELEMENT LIFTING HARDWARE

aLIGO, HAM, Viton Spring, Leg Stack Assy

DESIGNER: SBARNUM, 11 DEC 2012, SIZE DWG. NO. **D1102388**, REV. **v3**

CHECKER: [blank], APPROVAL: [blank]

SCALE: 1:6, PROJECTION: [blank], SHEET 1 OF 1

D1102388-ALIGO HAM Viton Spring Leg Stack Assy PART PDM REV: X-008 DRAWING PDM REV: X-002