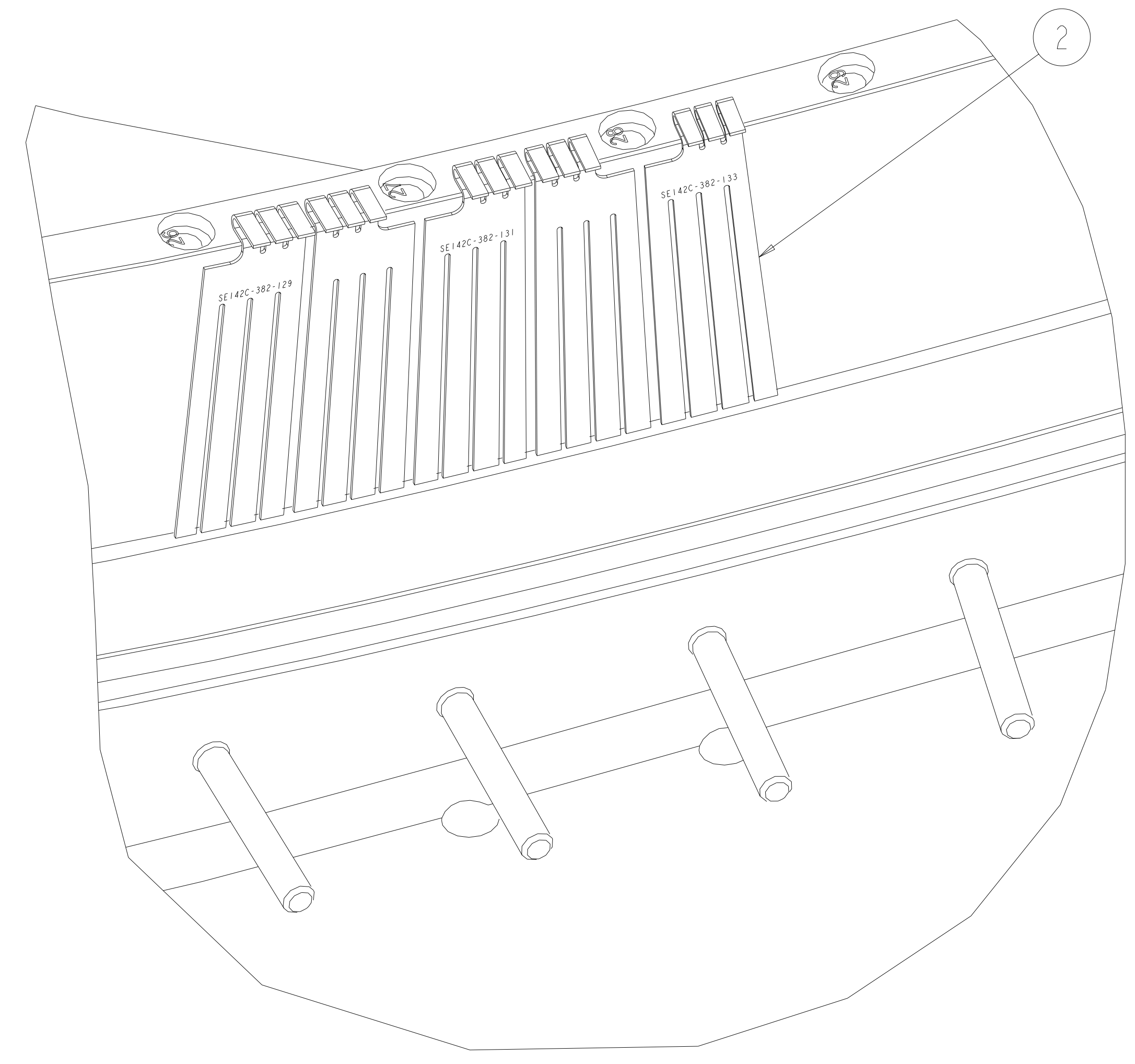


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SE142C-382-FLAT.272		0.895833	SE142C-382-272	SE142C-382-FLAT.176		0.395833	SE142C-382-176
SE142C-382-FLAT.273	2	0.901042	SE142C-382-273	SE142C-382-FLAT.177	50	0.401042	SE142C-382-177
SE142C-382-FLAT.274		0.906250	SE142C-382-274	SE142C-382-FLAT.178		0.406250	SE142C-382-178
SE142C-382-FLAT.275	3	0.911458	SE142C-382-275	SE142C-382-FLAT.179	51	0.411458	SE142C-382-179
SE142C-382-FLAT.276		0.916667	SE142C-382-276	SE142C-382-FLAT.180		0.416667	SE142C-382-180
SE142C-382-FLAT.277	4	0.921875	SE142C-382-277	SE142C-382-FLAT.181	52	0.421875	SE142C-382-181
SE142C-382-FLAT.278		0.927083	SE142C-382-278	SE142C-382-FLAT.182		0.427083	SE142C-382-182
SE142C-382-FLAT.279	5	0.932292	SE142C-382-279	SE142C-382-FLAT.183	53	0.432292	SE142C-382-183
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SE142C-382-FLAT.283	7	0.953125	SE142C-382-283	SE142C-382-FLAT.187	55	0.453125	SE142C-382-187
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	48			SE142C-382-FLAT.269	96	0.880208	SE142C-382-269

- NOTES:
- DRAWING PREPARED IN ACCORDANCE WITH ASME Y14.8M-1996.
 - INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1994.
 - DIMENSIONS ARE IN INCHES.
 - DRAWING DEPICTS FLAT PATTERN OF FORMED PARTS DEFINED BY PRO/ENGINEER FILES SE142C-382-XXX_FORM.PRT.
 - PROFILE TOLERANCE OF FLAT PATTERN IS +/- .010-IN
 - REMOVE ALL BURRS AND SHARP EDGES.
 - IDENTIFY PARTS BY ETCHING OR PERMANENT MARKER.
 - INDICATED PARTS TO BE NEMA GRADE G1ICR MATERIAL.



ISOMETRIC VIEW

next assy	AR	X	CAGE CODE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPECIFICATION	FIND NO
					CLADDING PARTS	1 COPPER, ANNEALED UNS C10100, C10200, C11000 ETP OR NEMA GRADE G1ICR WHERE NOTED	2
						TYPE-C SIDE-A UPPER CLADDING ASM	1
						MATERIAL / SPECIFICATION	
					← NEXT ASSEMBLY	PARTS LIST	

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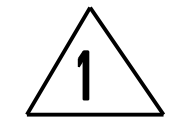
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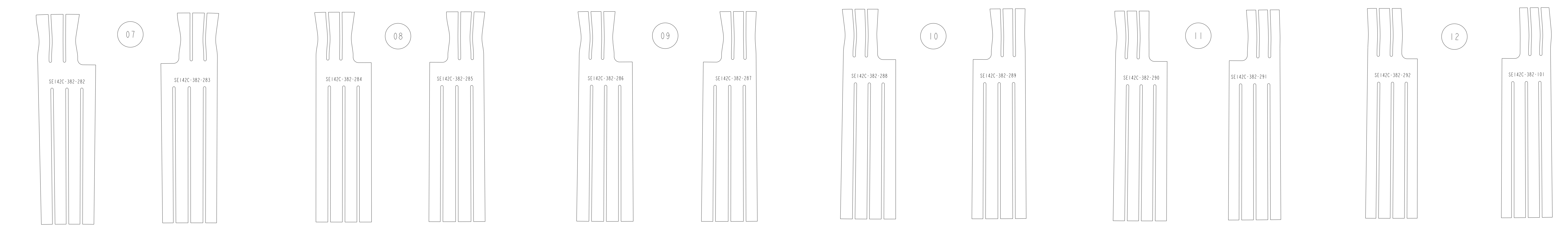
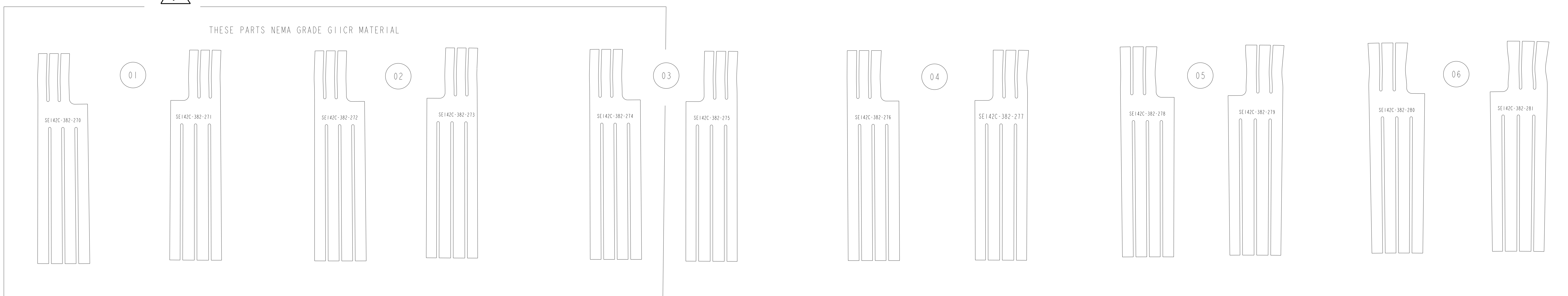
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NEXT ASS'Y:

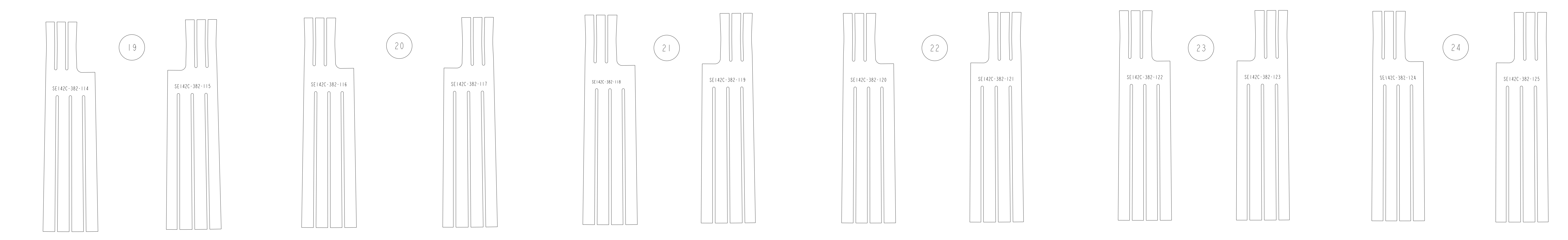
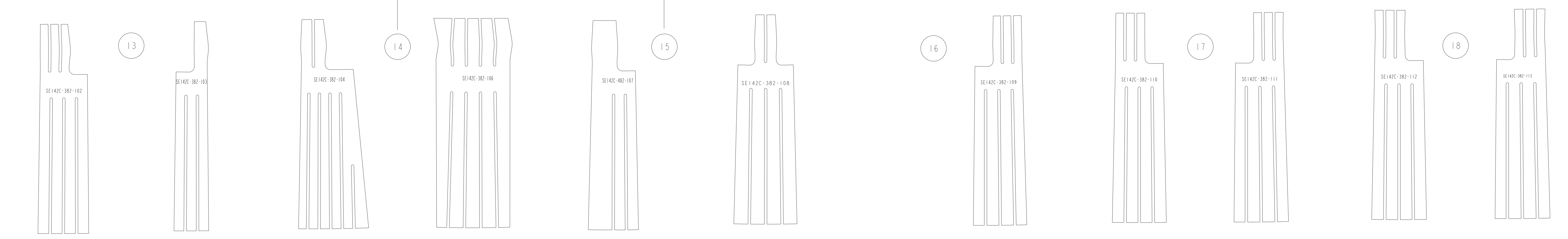
FINAL ASS'Y:



THESE PARTS NEMA GRADE GIICR MATERIAL



POLOIDAL BREAK



Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT CONTRACT DE-AC05-00OR22725 UT-BATTELLE, LLC, Oak Ridge, Tennessee PROJECT NAME							
UT-BATTELLE NATIONAL COMPACT STELLARATOR EXPERIMENT							
MODULAR COIL TYPE-C SIDE-A UPPER CLADDING FLAT PATTERN LAYOUT							
VERSION NO.	PLANT	BLDG	FL	SHT	OF	TYPE	CLASS
4	X-10	5700	3	2	5	S	U
RELEASE LEVEL		SEI42C-382		REV			
WIP				I			

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SEI42C-382

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NEXT ASS'Y:

FINAL ASS'Y:

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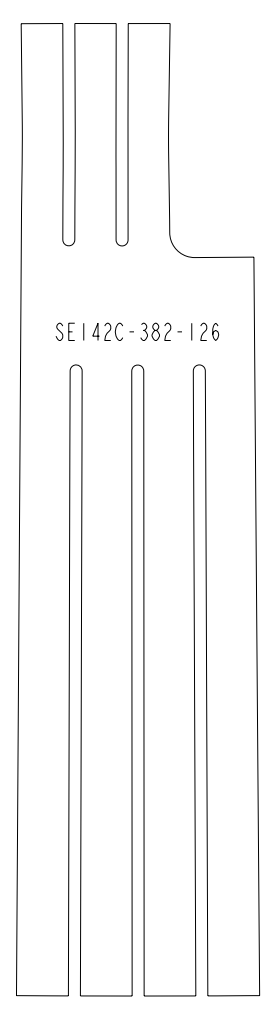
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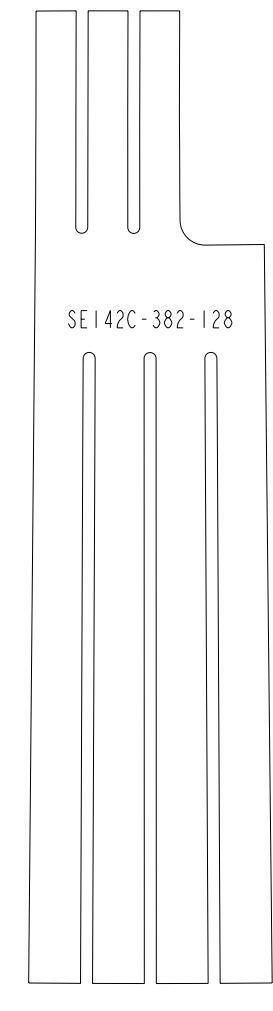
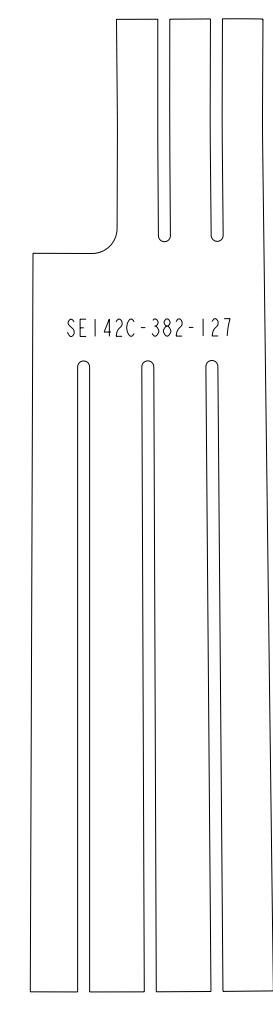
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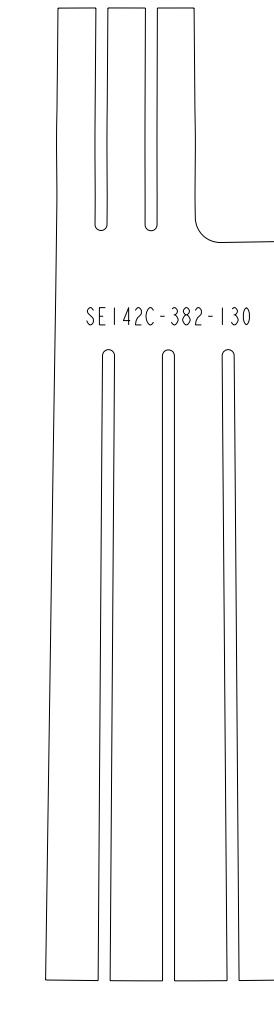
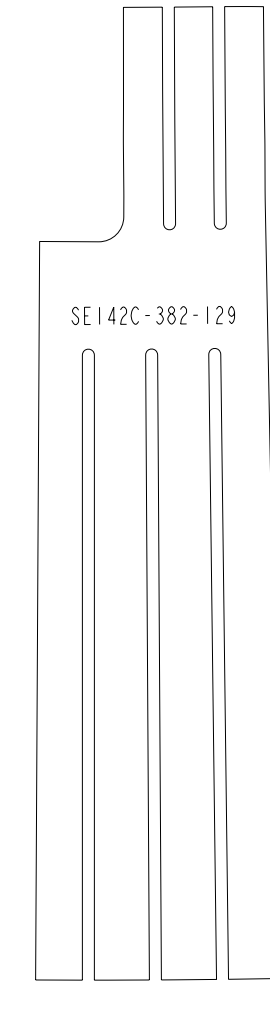
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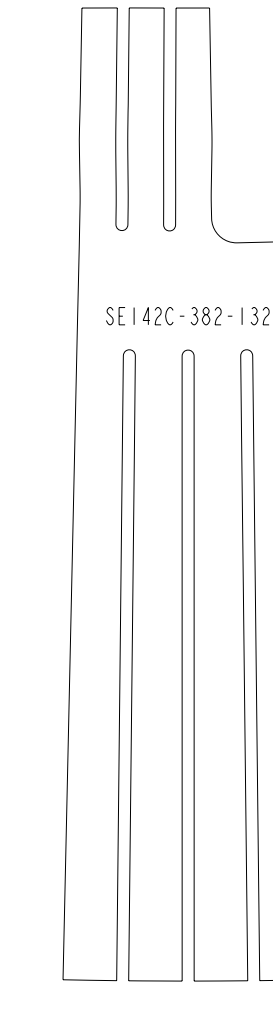
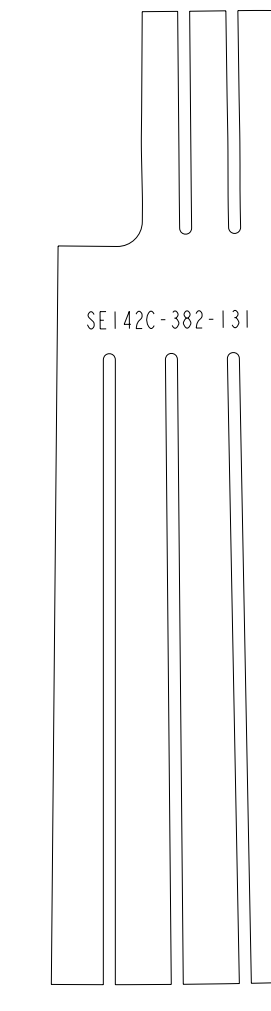
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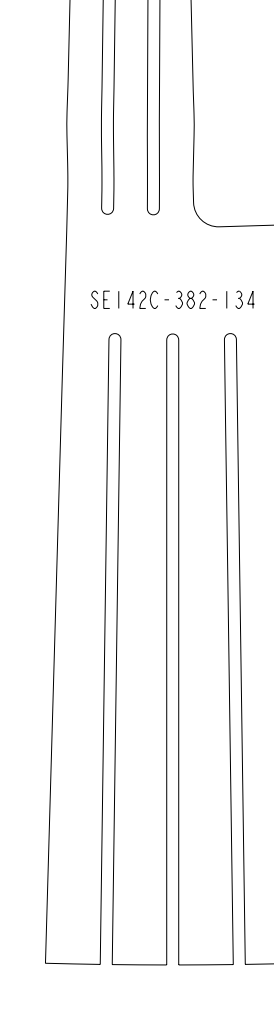
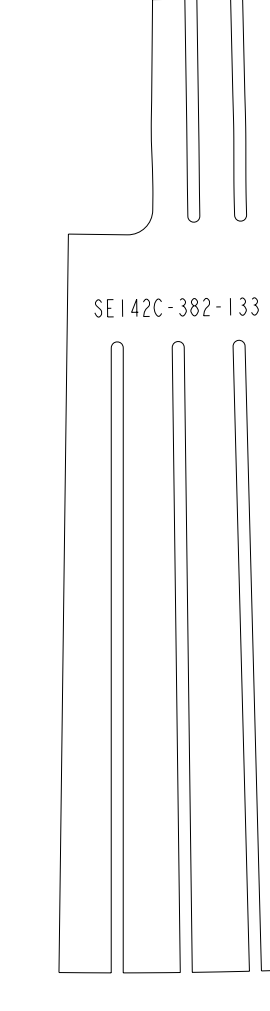
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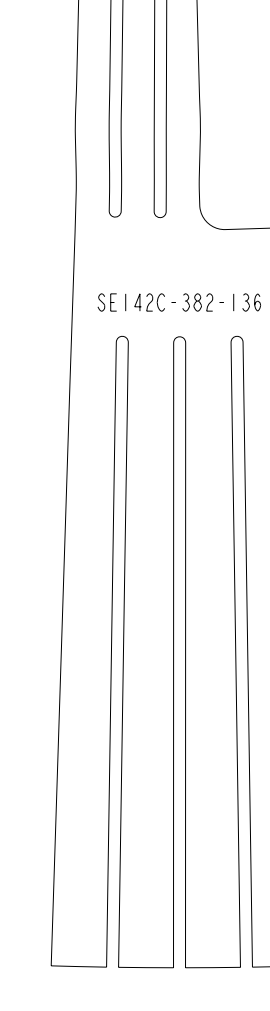
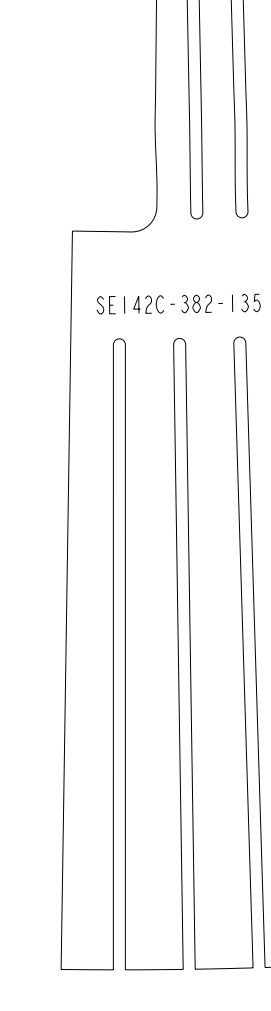
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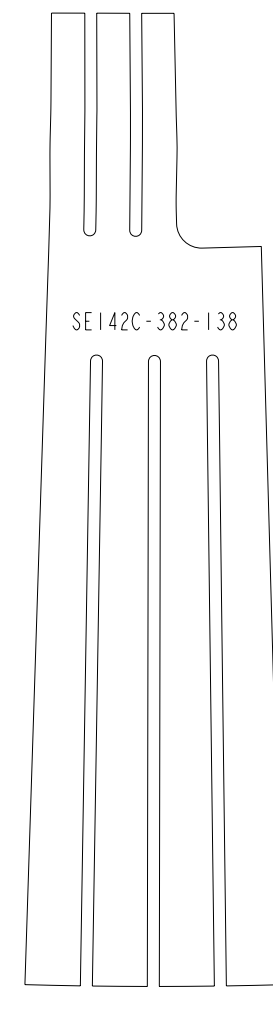
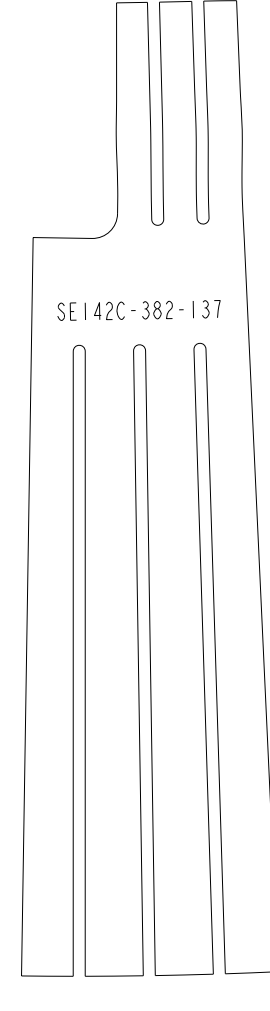
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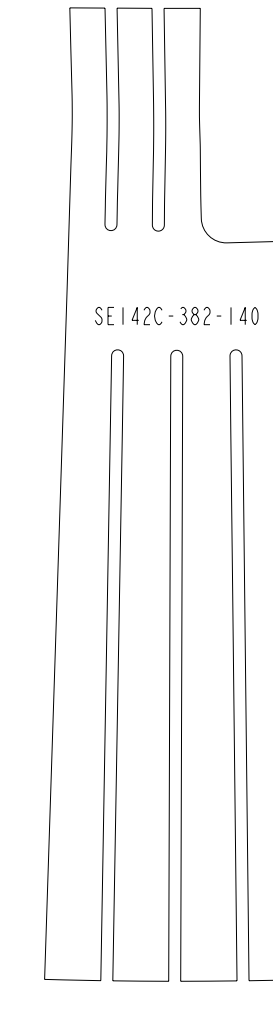
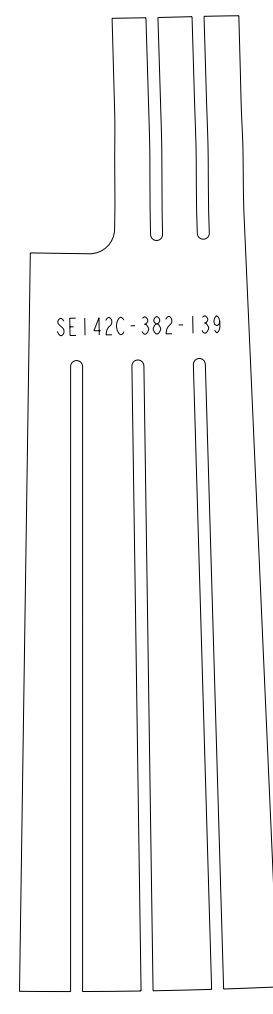
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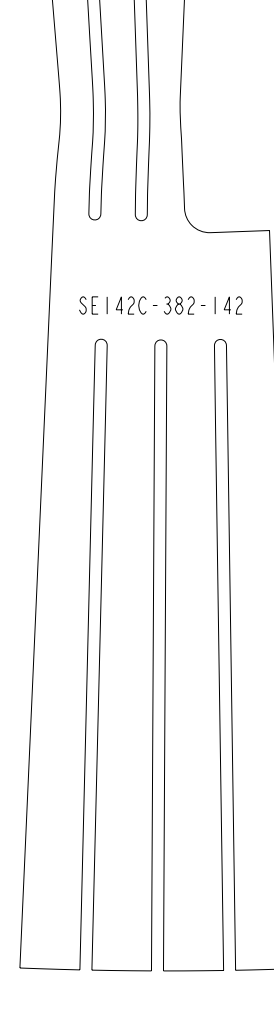
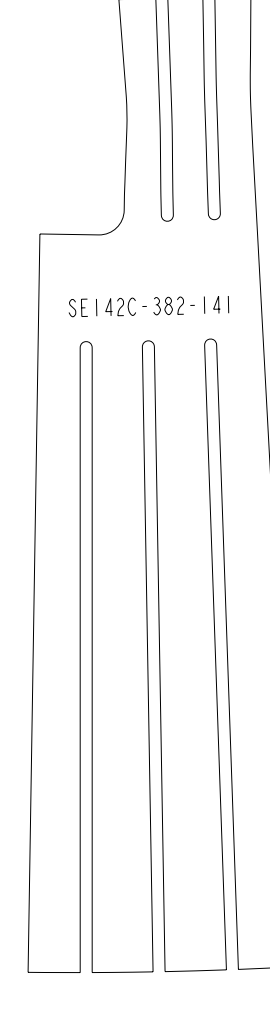
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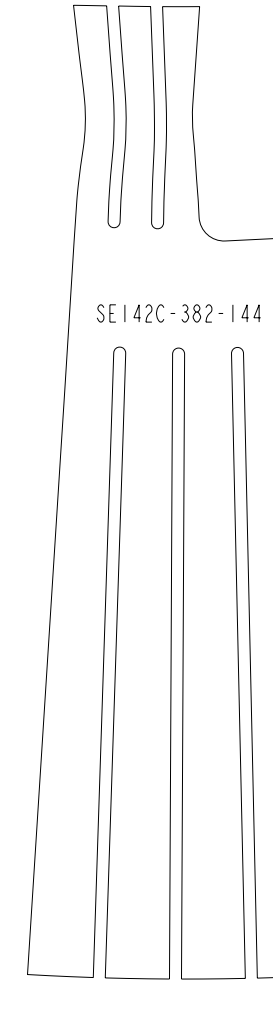
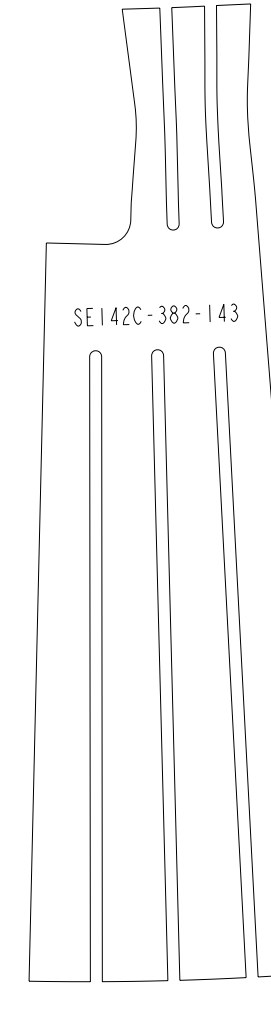
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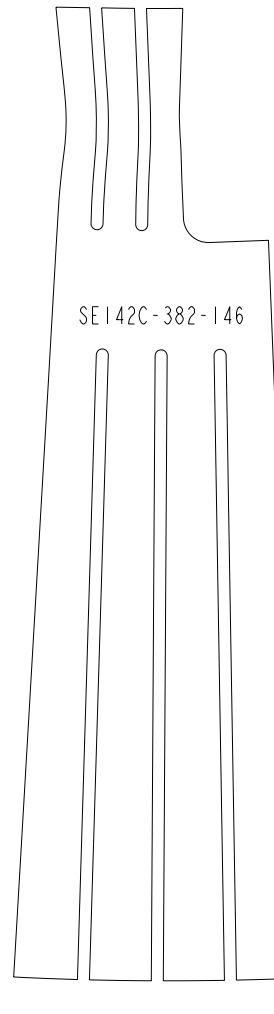
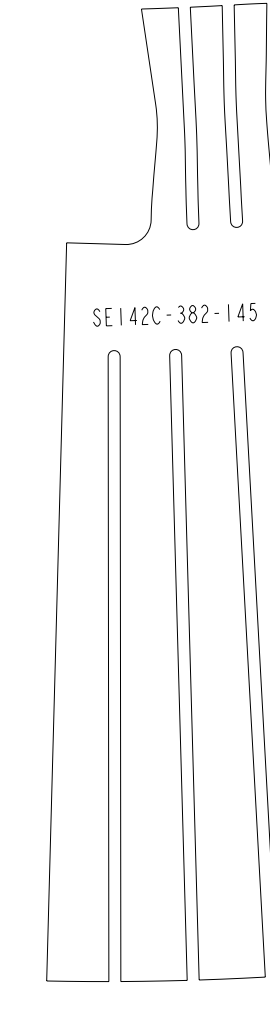
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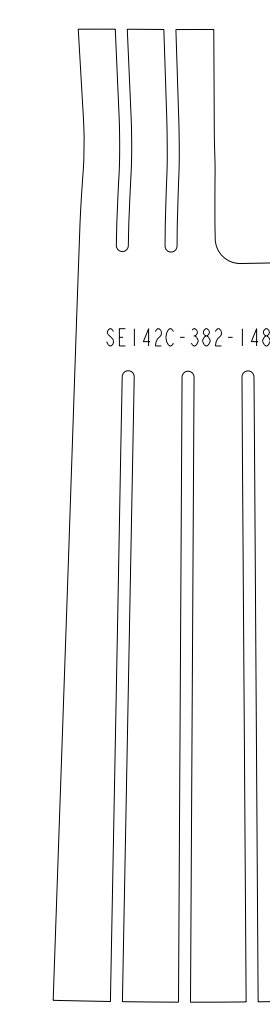
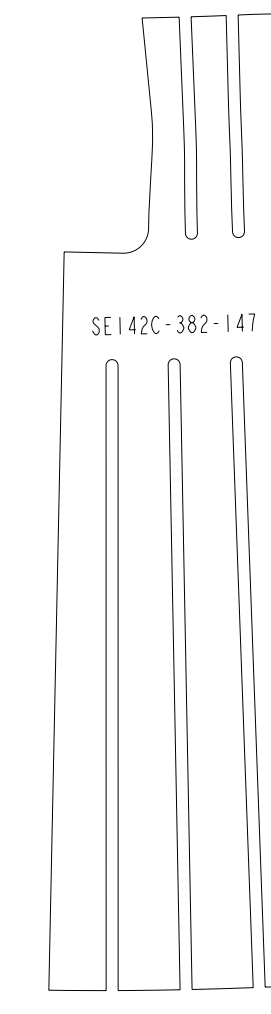
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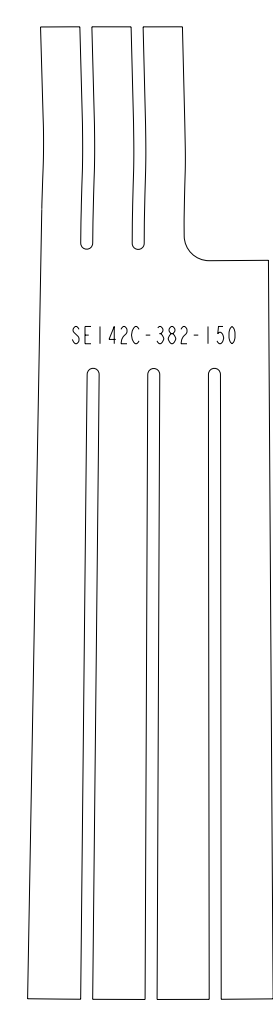
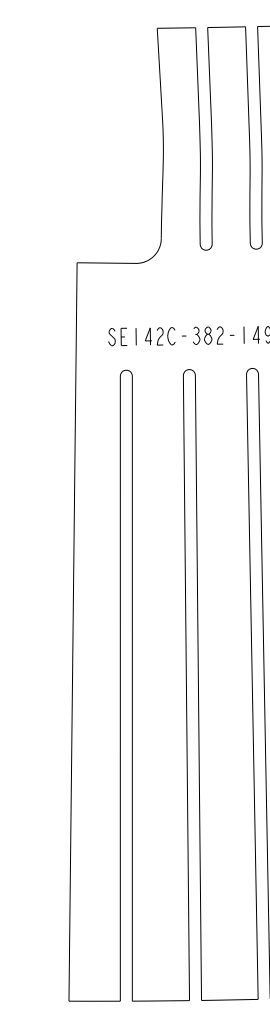
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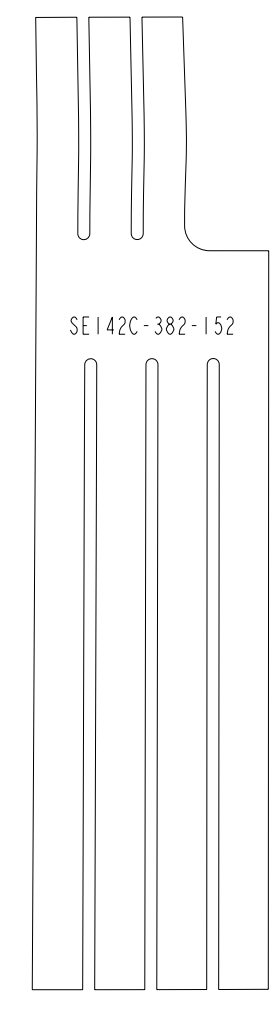
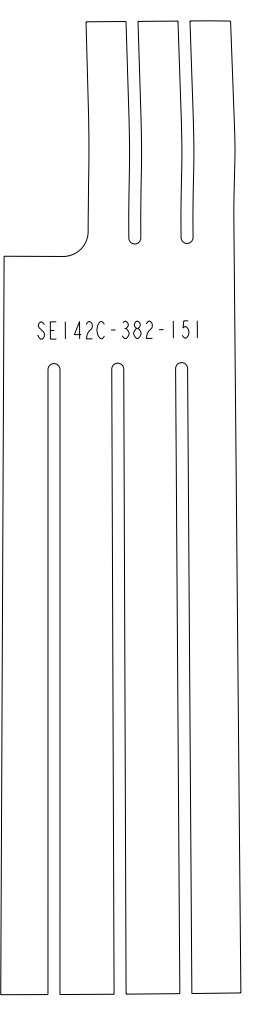
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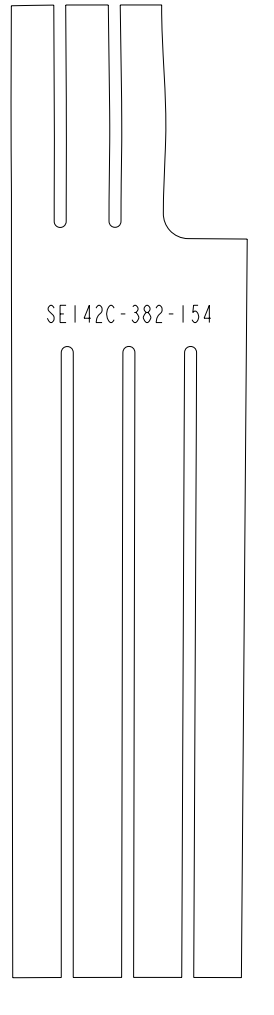
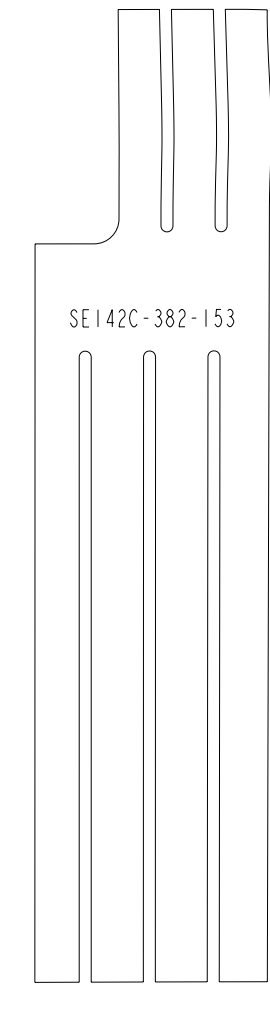
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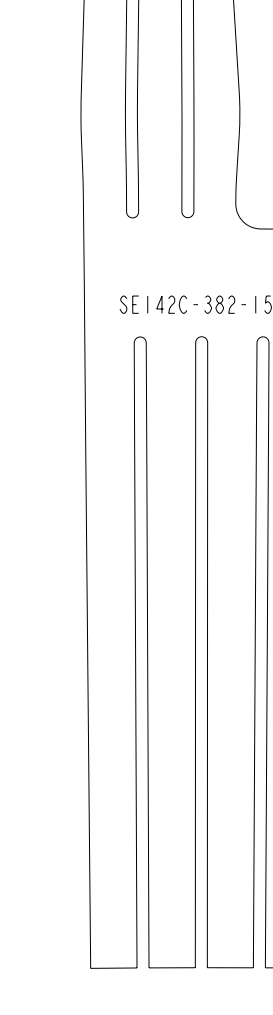
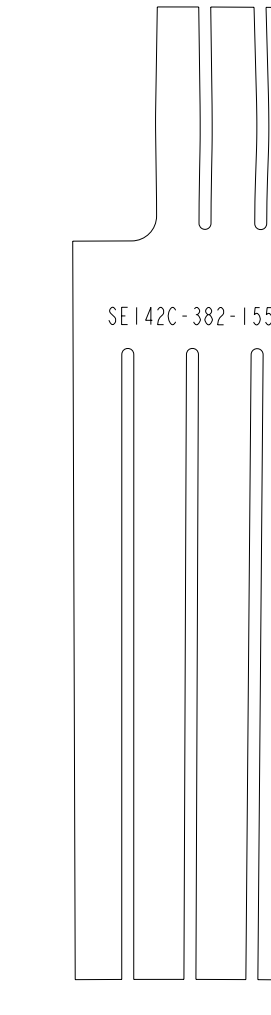
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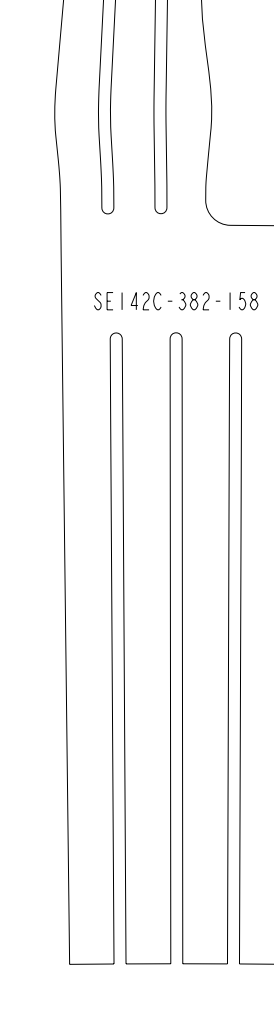
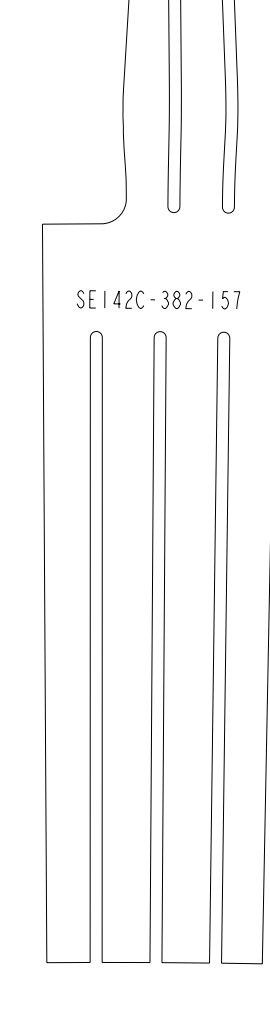
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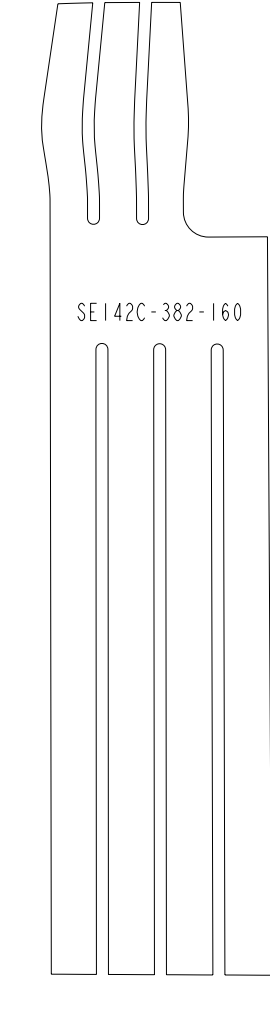
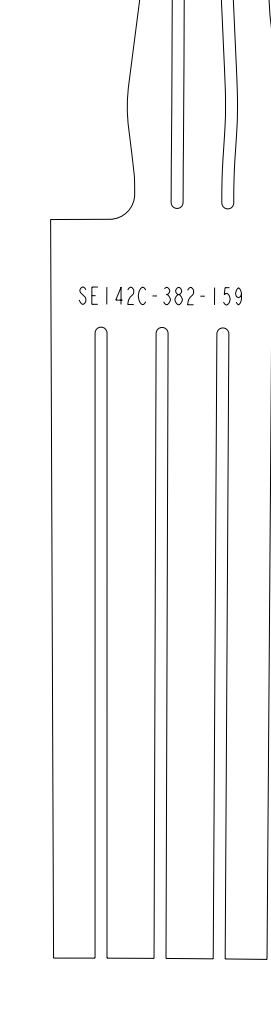
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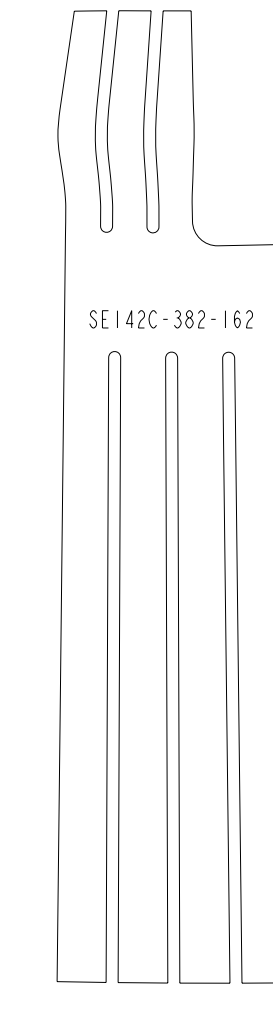
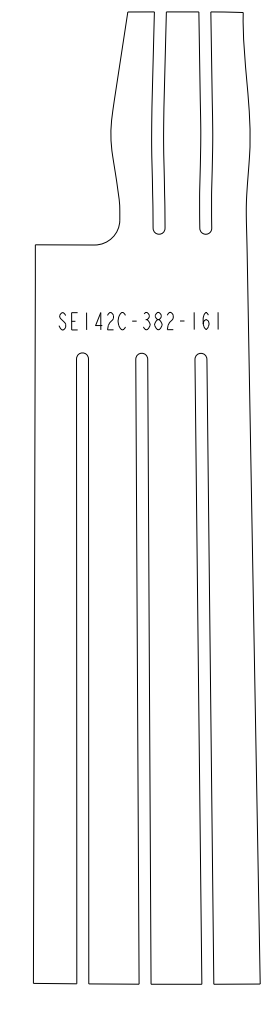
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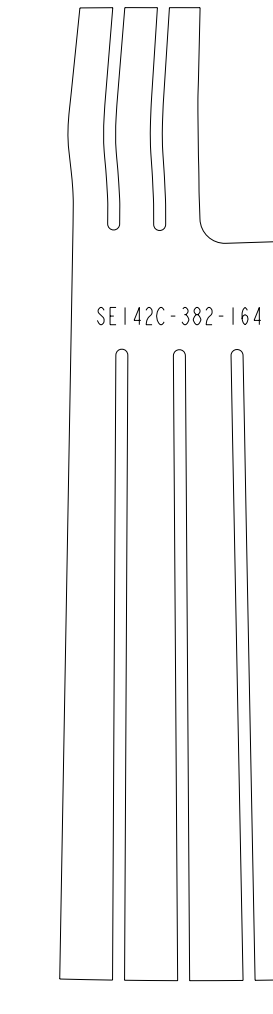
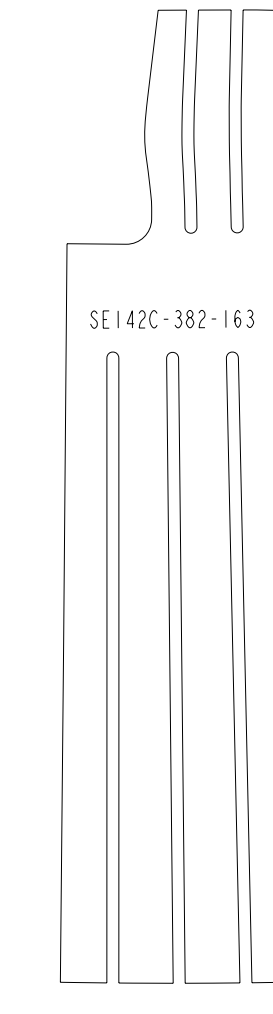
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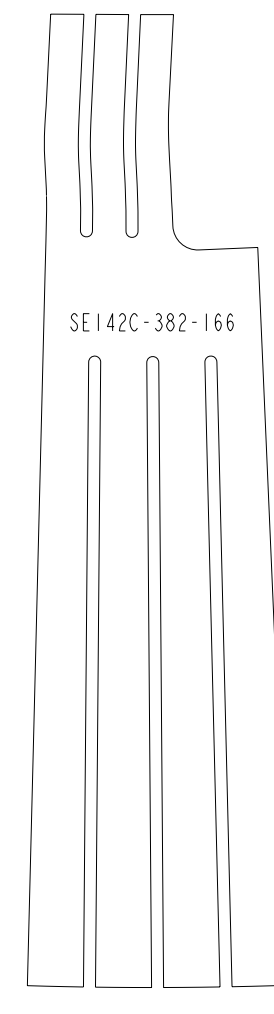
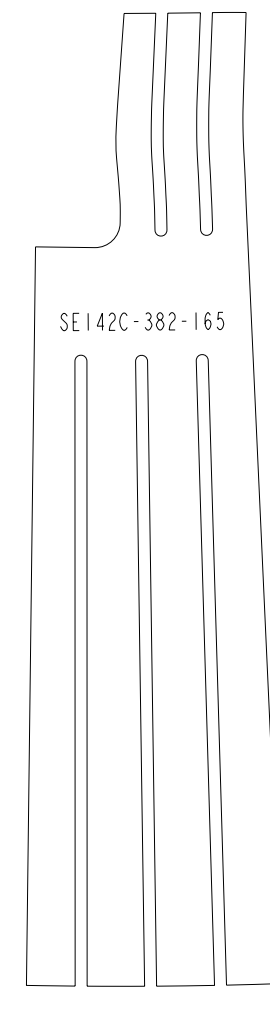
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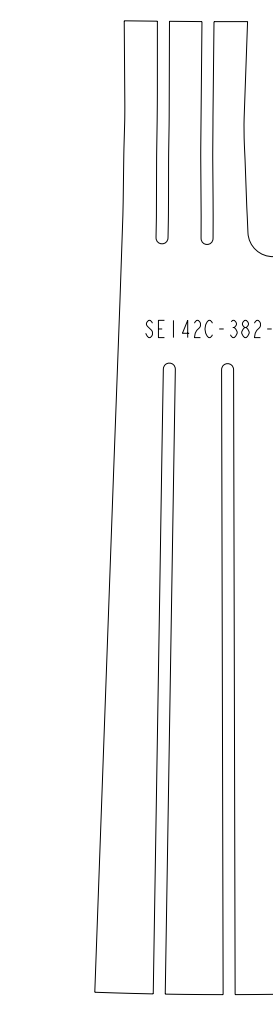
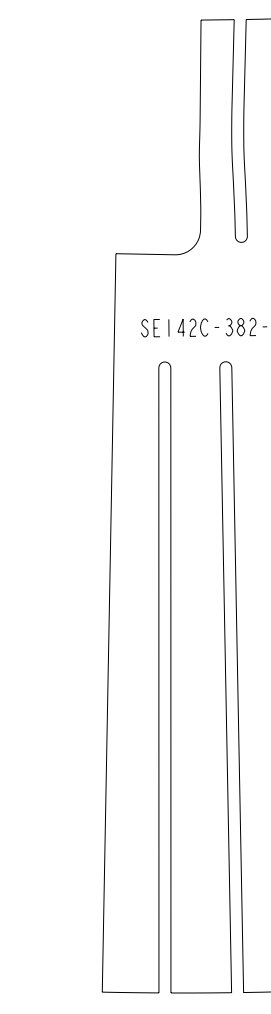
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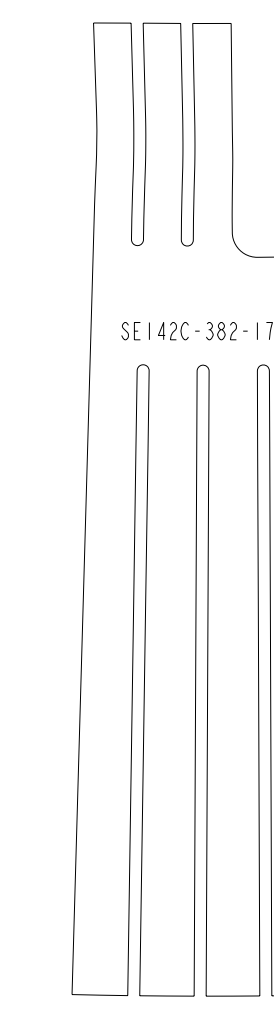
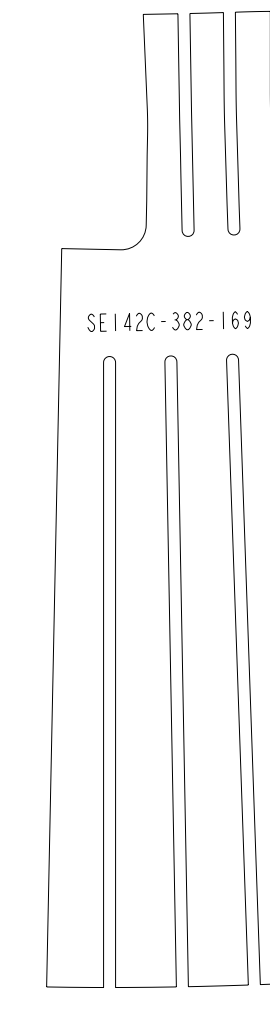
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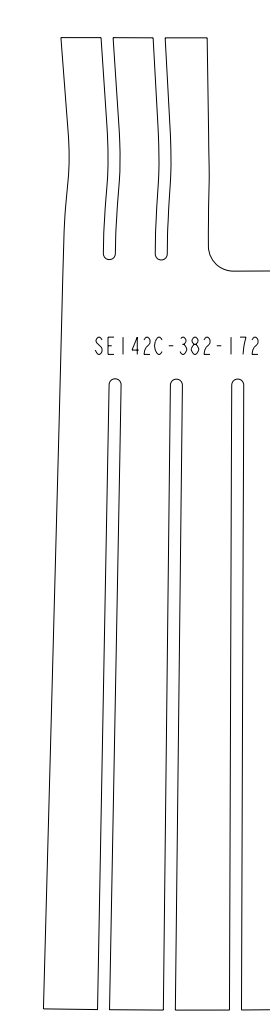
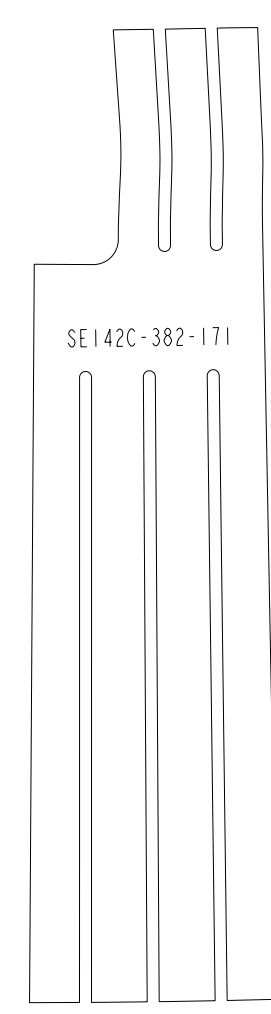
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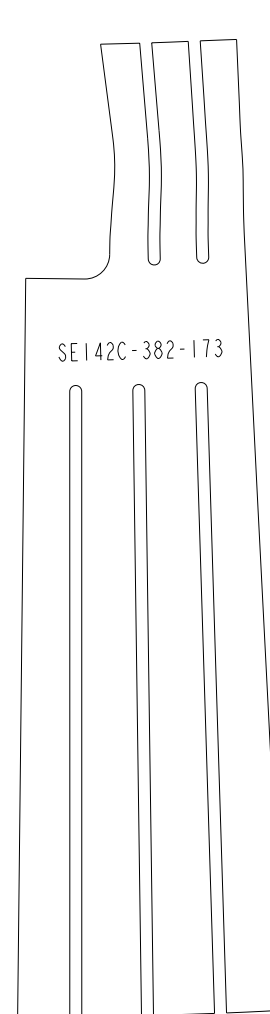
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1

Oak Ridge National Laboratory
 managed for the DEPARTMENT OF ENERGY under
 U.S. GOVERNMENT CONTRACT DE-AC05-00OR22725
 UT-BATTELLE, LLC, Oak Ridge, Tennessee
 PROJECT NAME

UT-BATTELLE

NATIONAL COMPACT STELLARATOR EXPERIMENT

MODULAR COIL TYPE-C
SIDE-A UPPER CLADDING
FLAT PATTERN LAYOUT

VERSION NO. 4	PLANT X-10	BLDG 5700	FL 3	SHT OF 3	TYPE 5	CLASS S	U U
RELEASE LEVEL WIP		SE142C-382		REV I			

208-22131

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NEXT ASS'Y:

FINAL ASS'Y:

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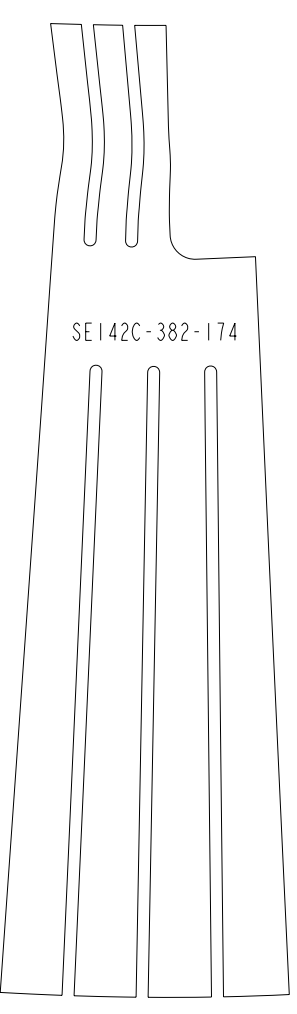
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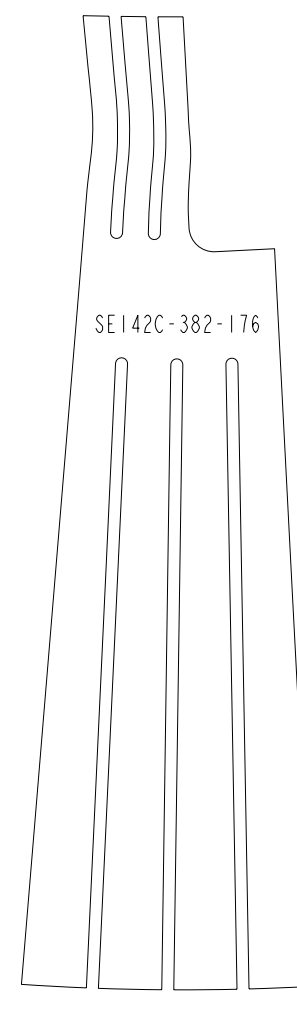
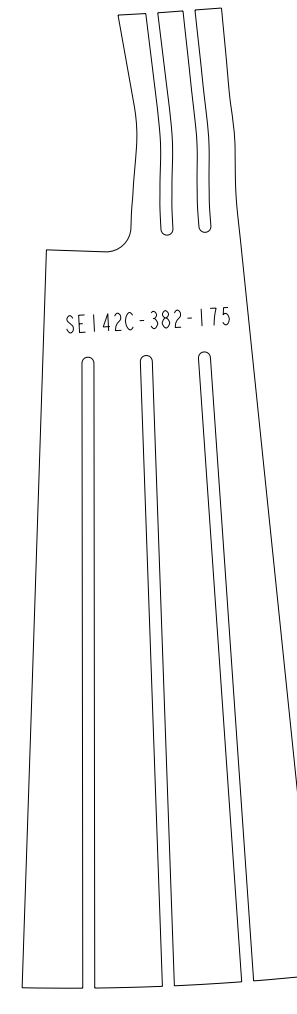
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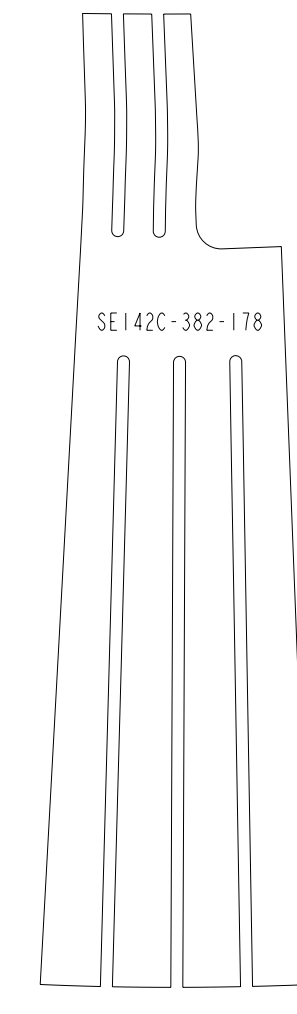
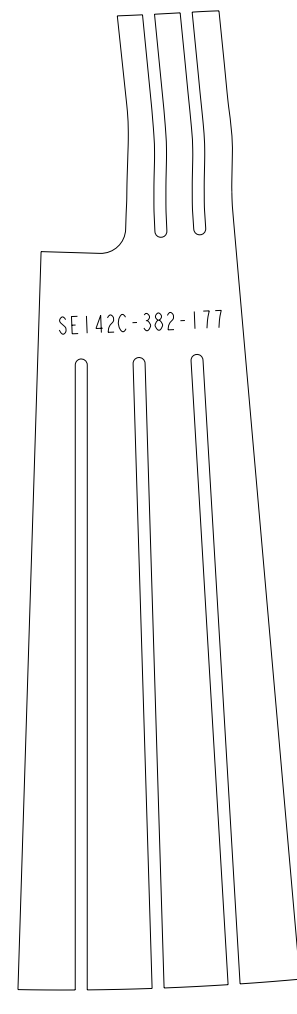
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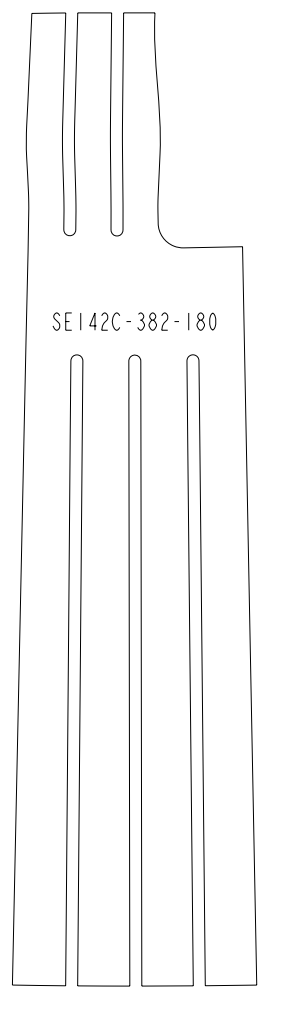
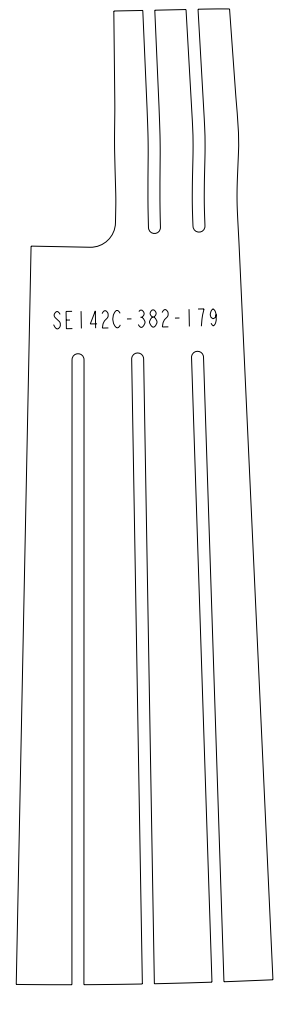
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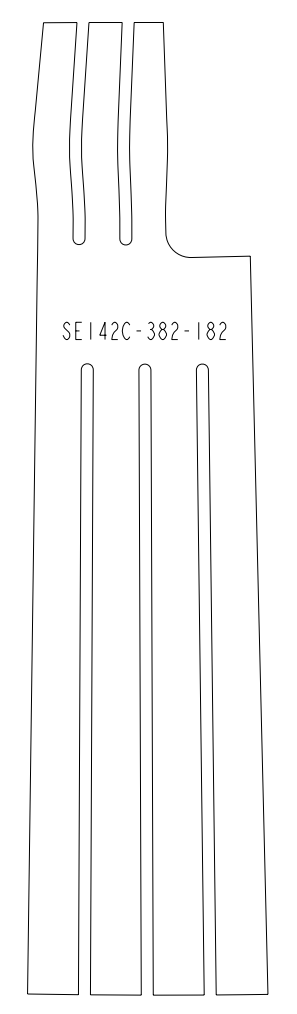
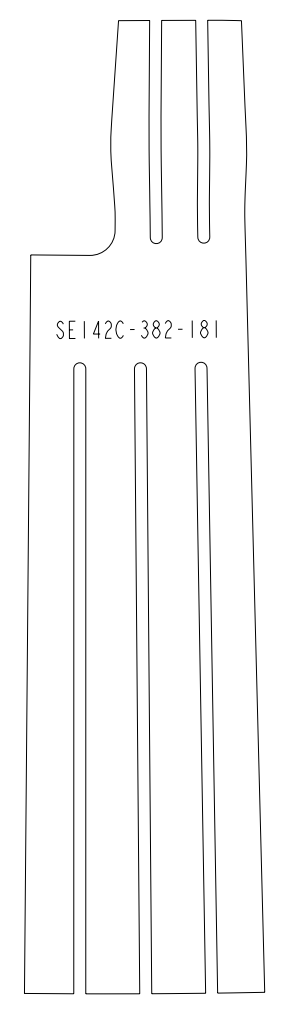
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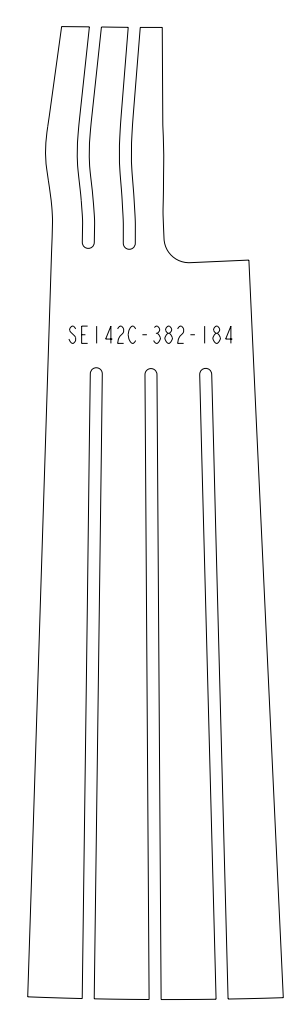
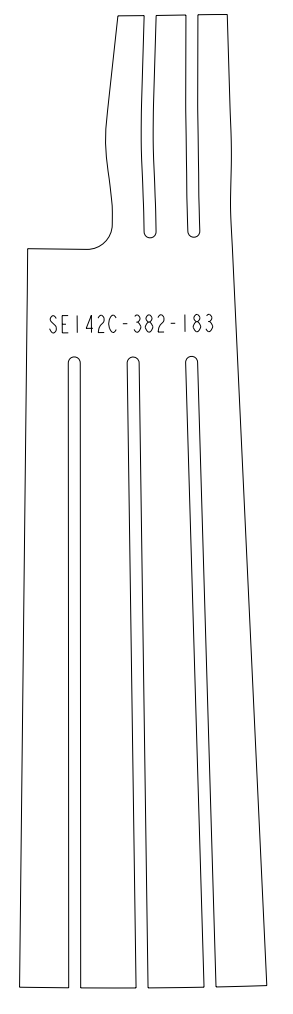
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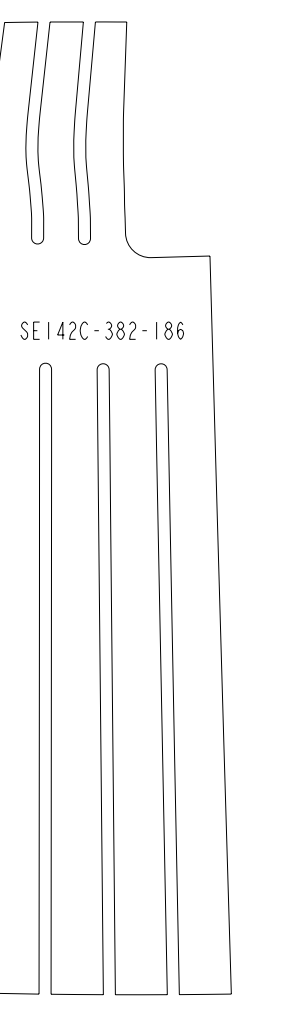
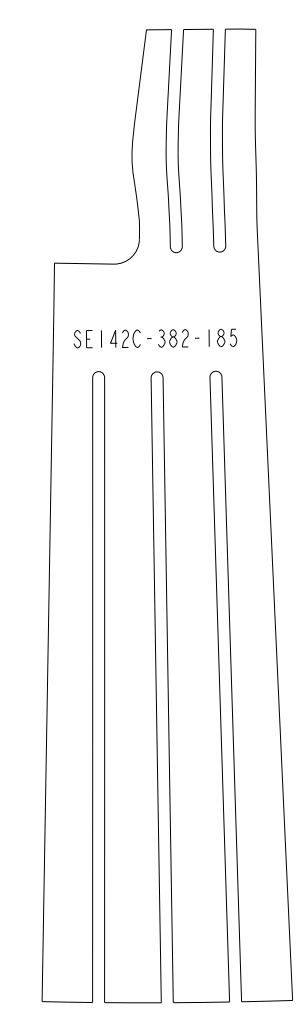
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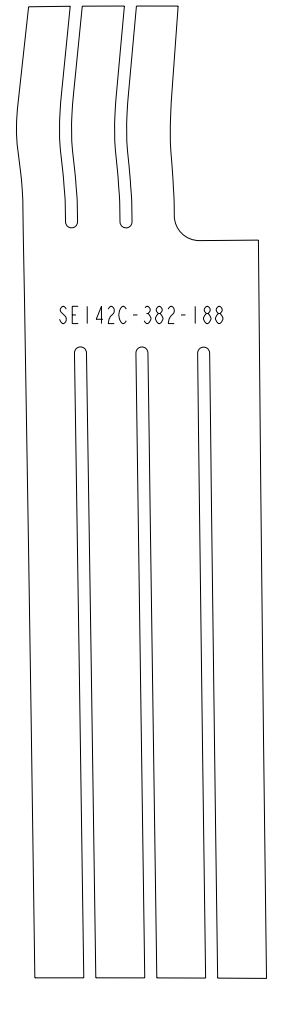
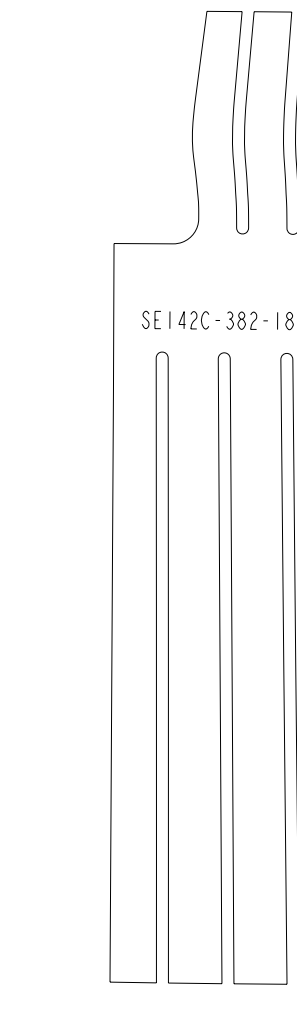
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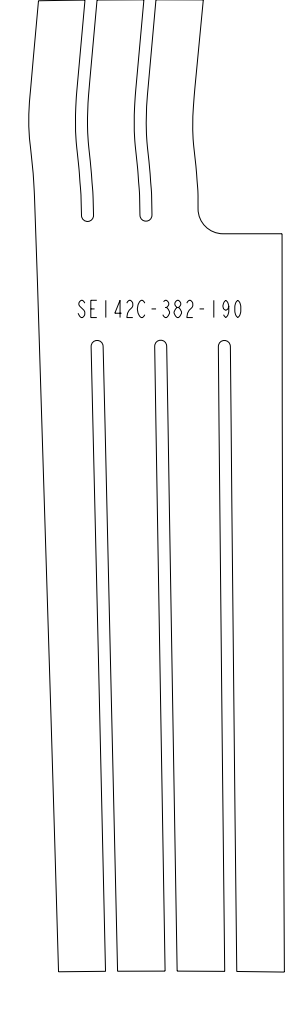
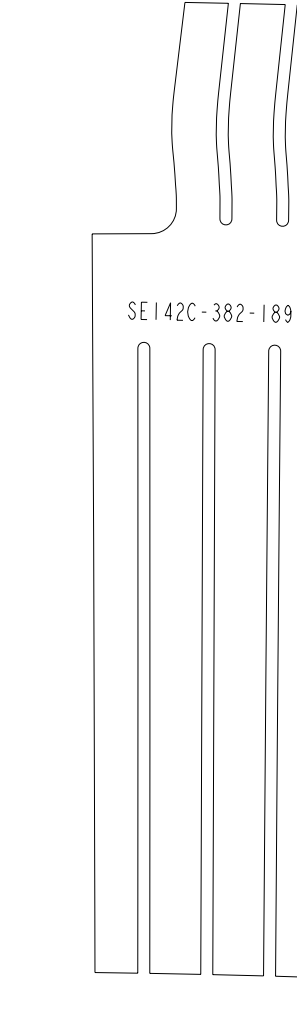
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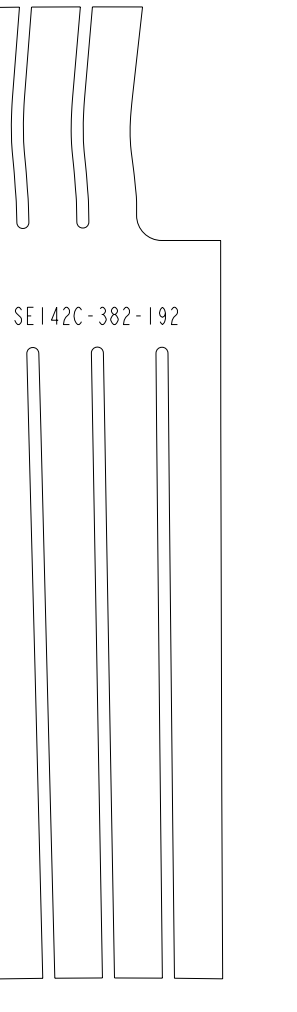
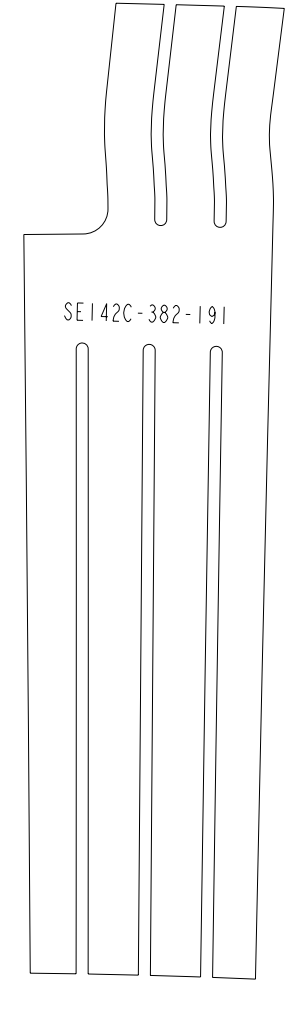
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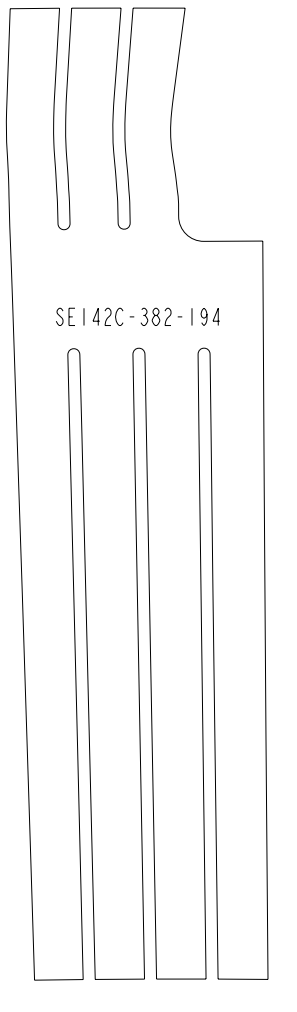
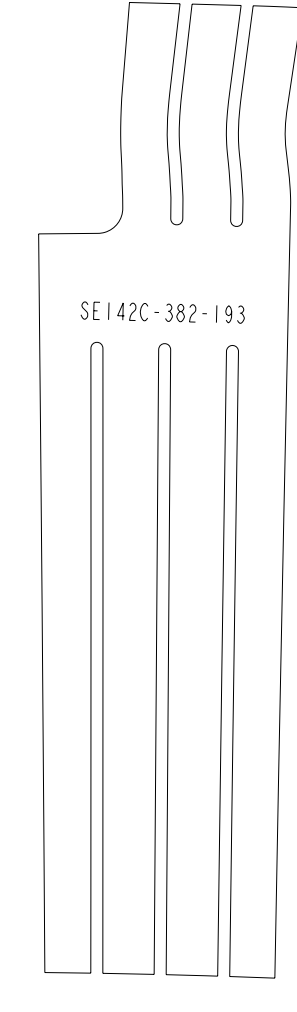
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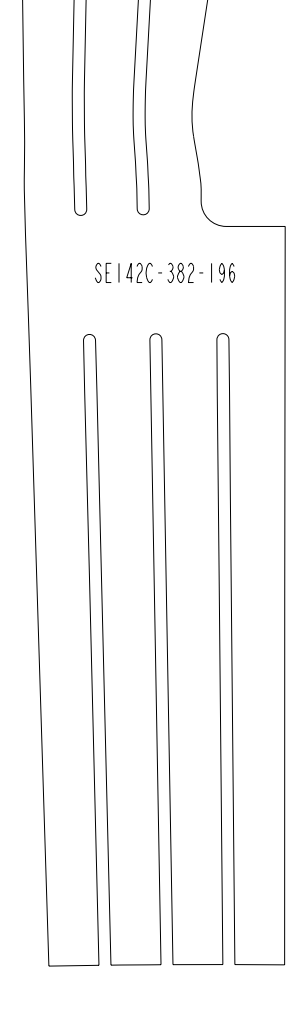
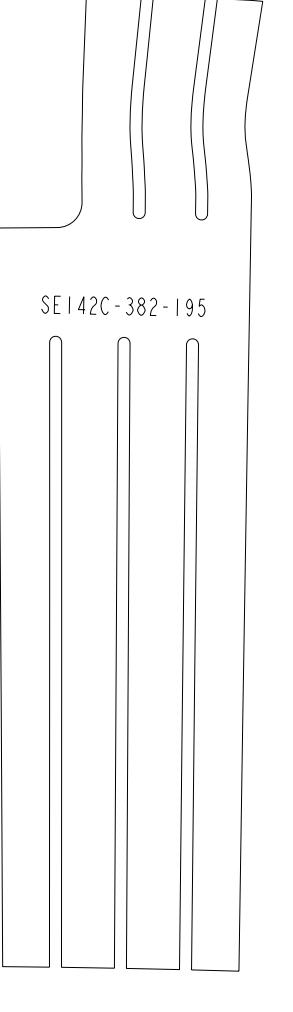
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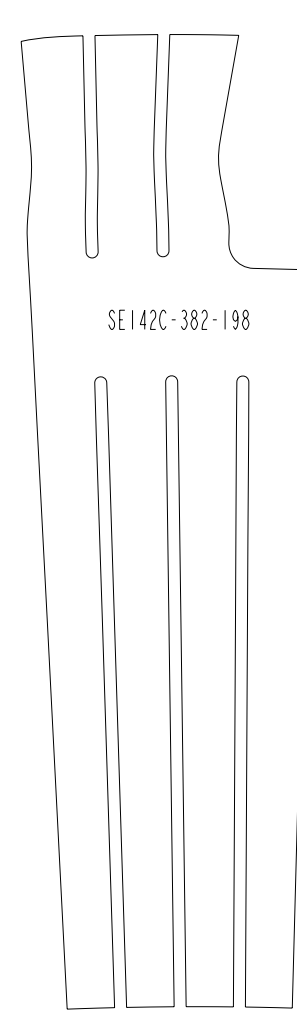
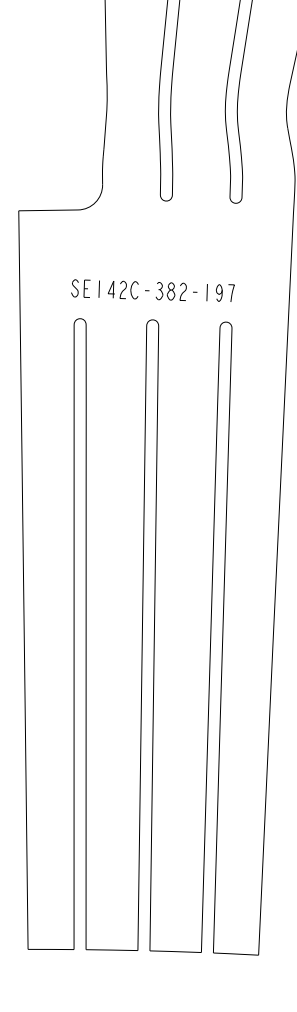
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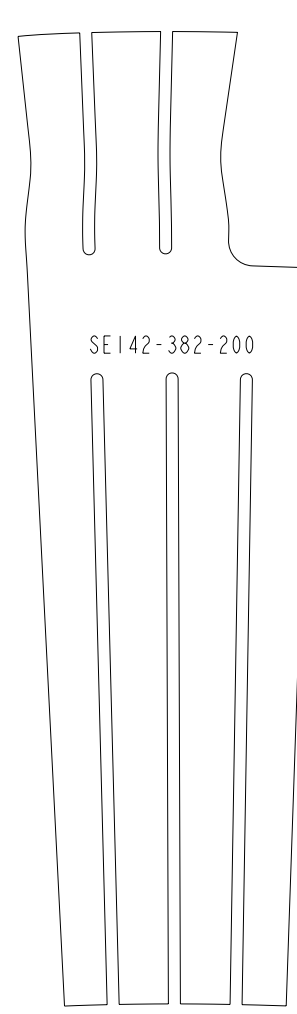
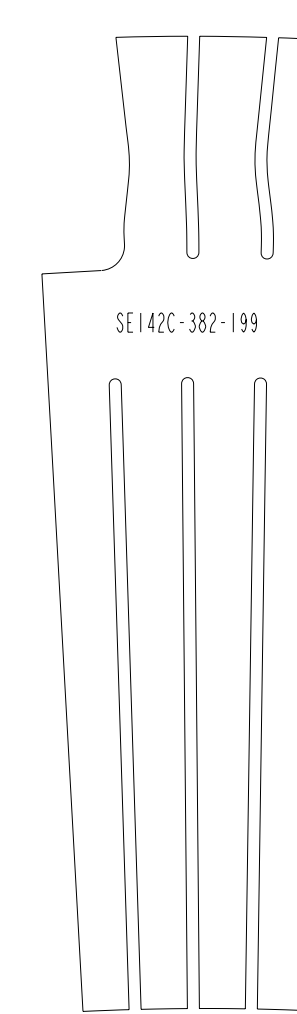
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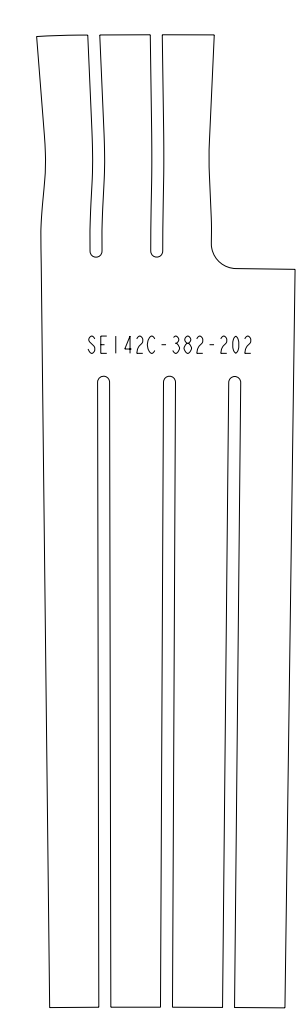
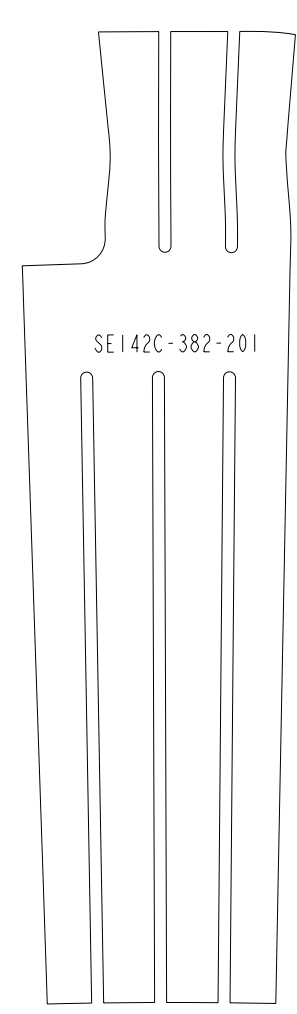
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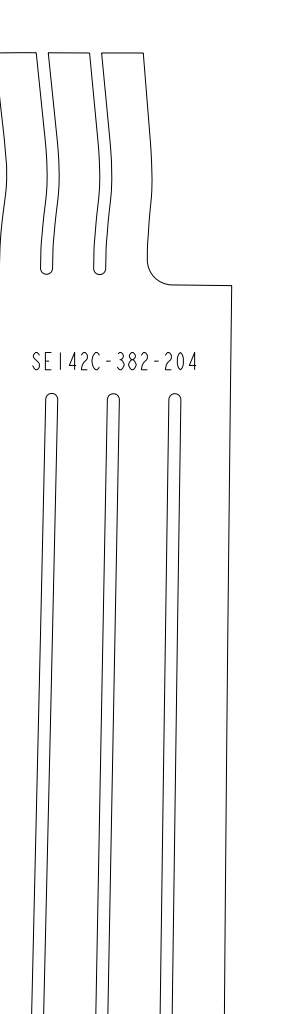
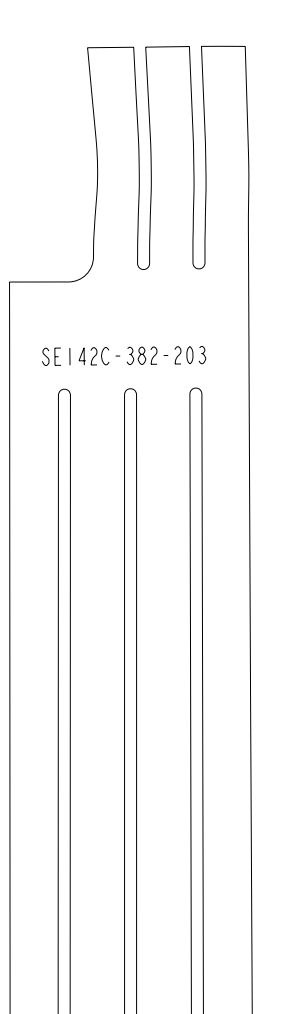
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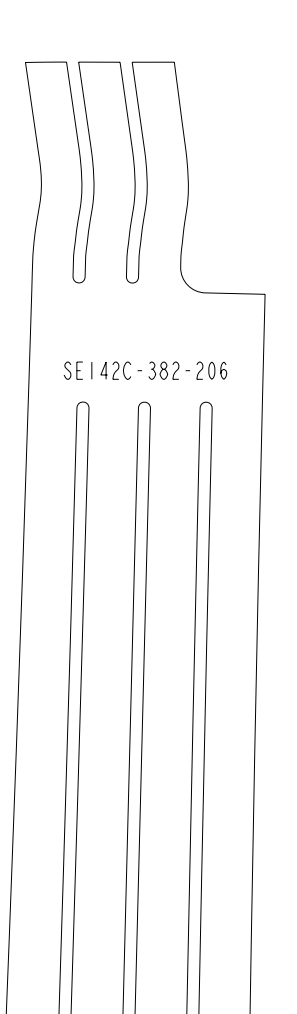
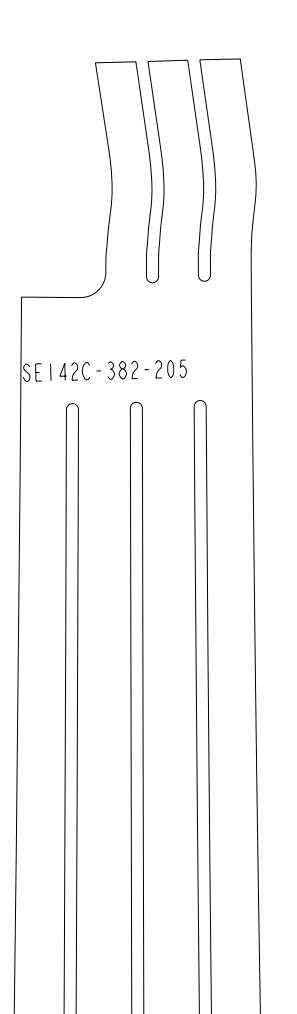
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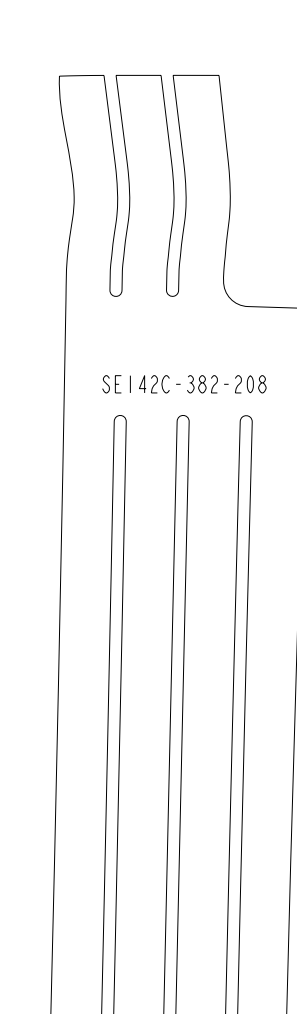
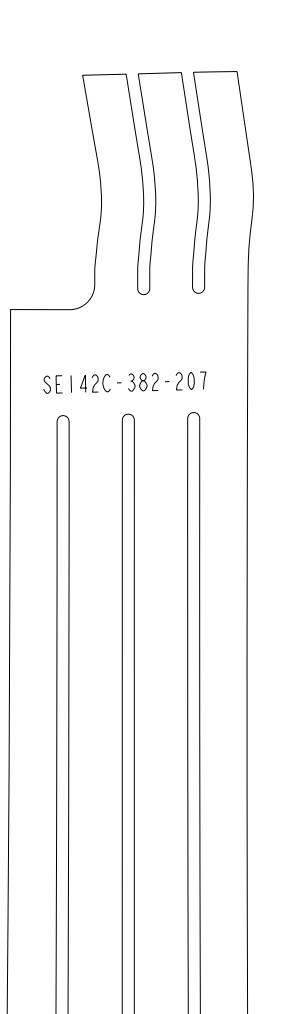
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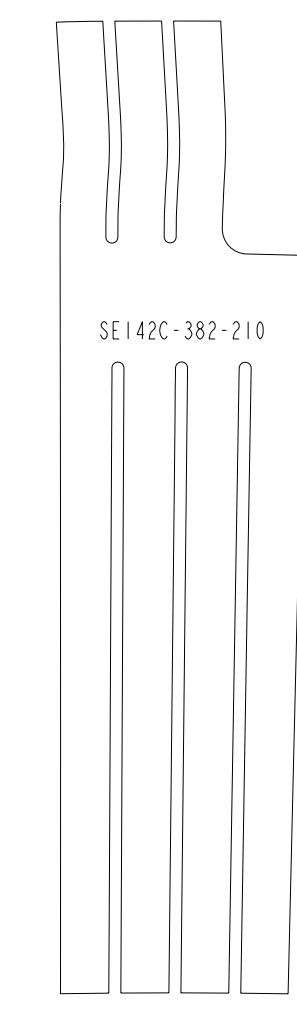
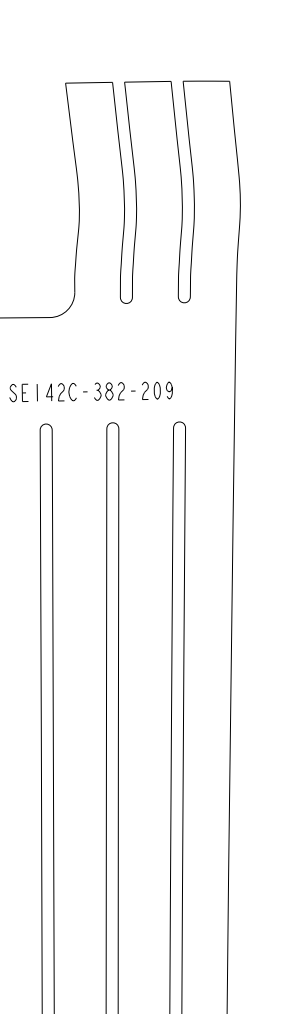
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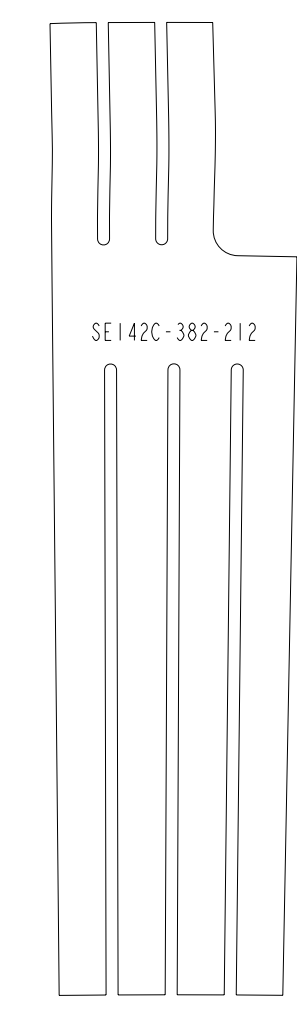
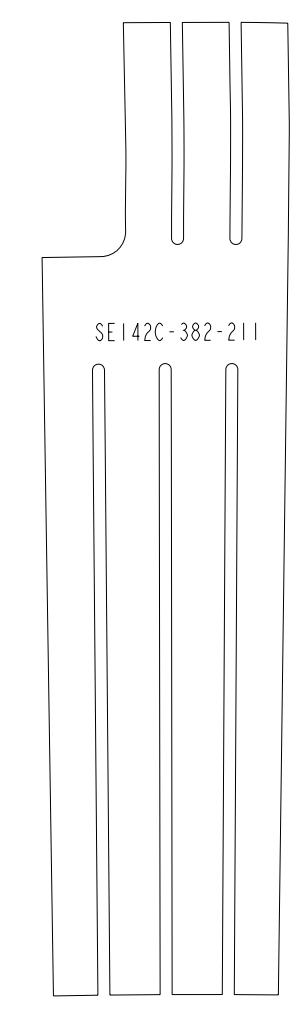
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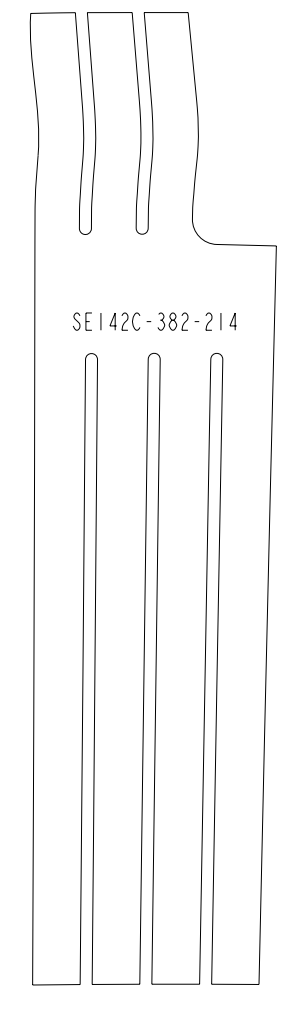
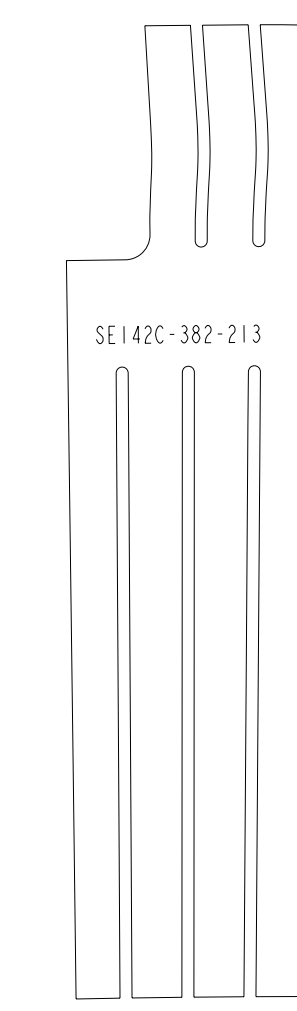
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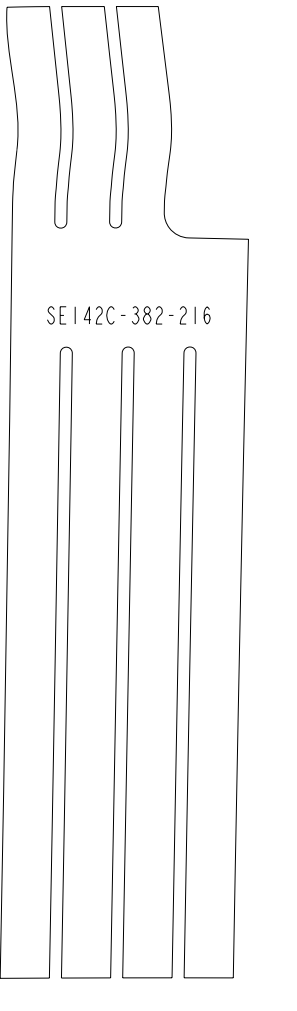
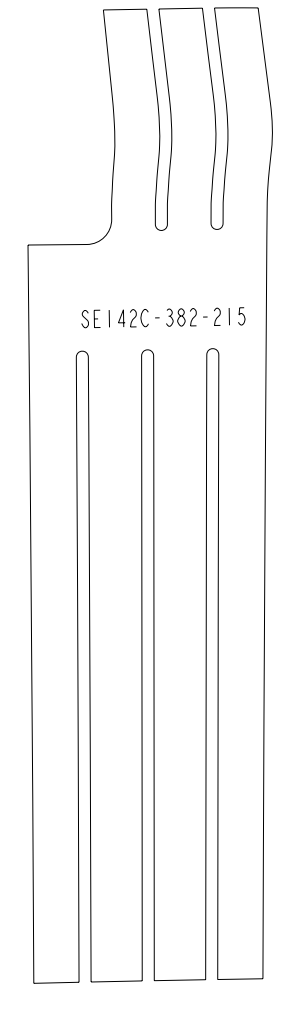
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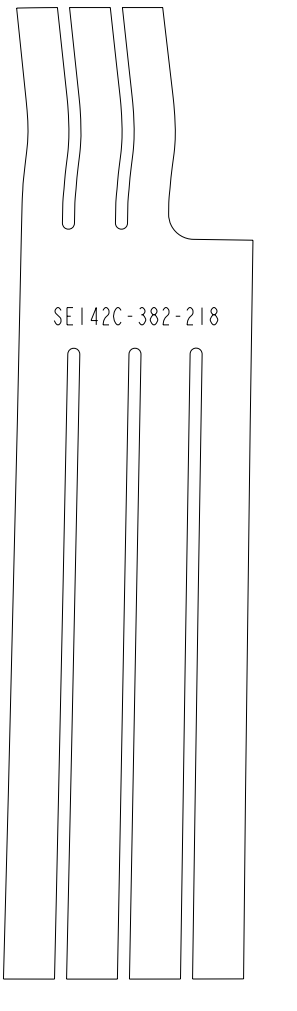
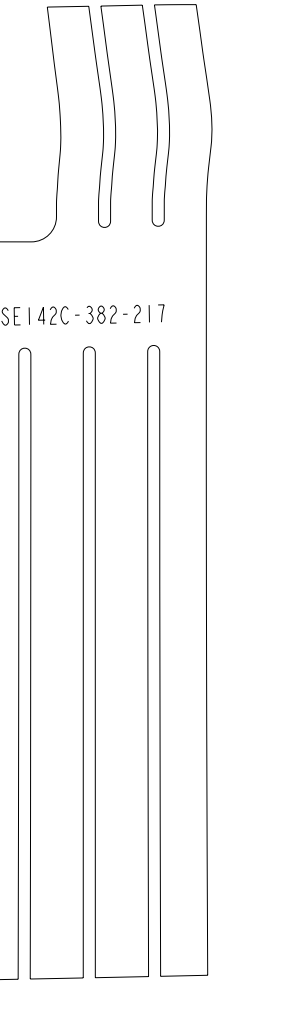
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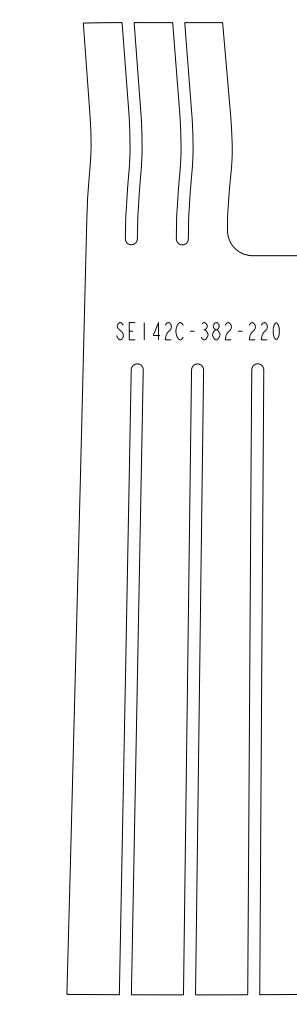
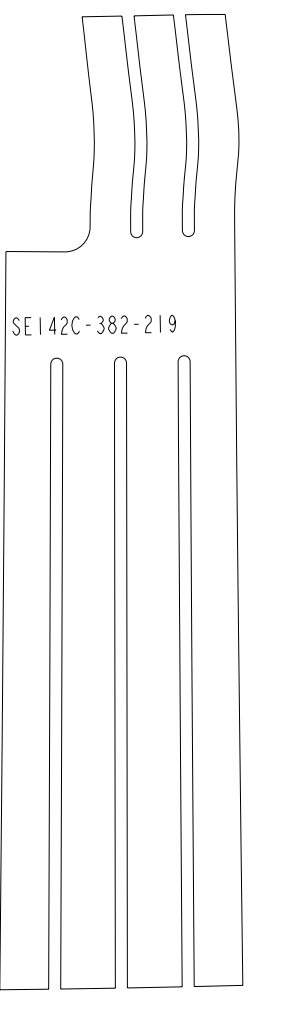
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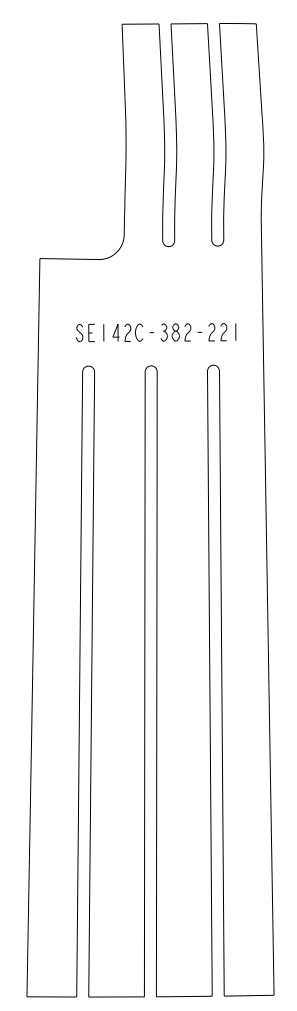
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72



Oak Ridge National Laboratory
managed for the DEPARTMENT OF ENERGY under
U.S. GOVERNMENT CONTRACT DE-AC05-00OR22725
UT-BATTELLE, LLC, Oak Ridge, Tennessee
PROJECT NAME

UT-BATTELLE

NATIONAL COMPACT STELLARATOR EXPERIMENT

MODULAR COIL TYPE-C
SIDE-A UPPER CLADDING
FLAT PATTERN LAYOUT

VERSION NO. 4	PLANT X-10	BLDG 5700	FL 3	SHT OF 4	TYPE S	CLASS U
RELEASE LEVEL WIP		SE142C-382			REV I	

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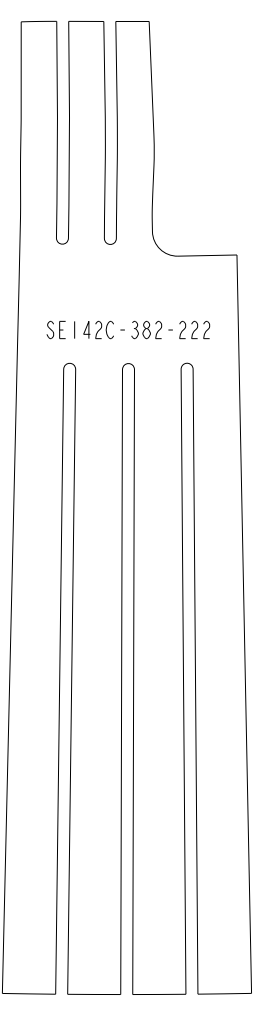
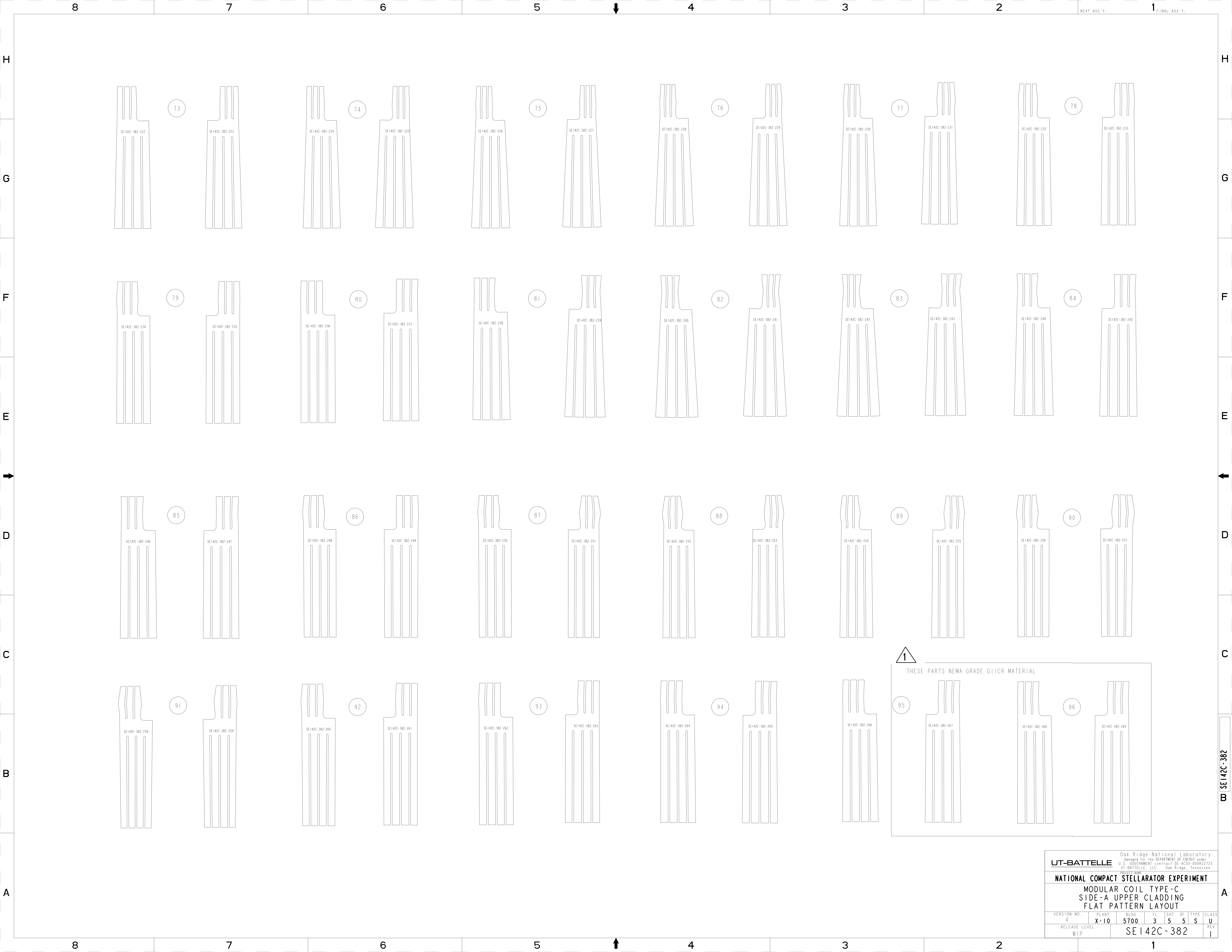
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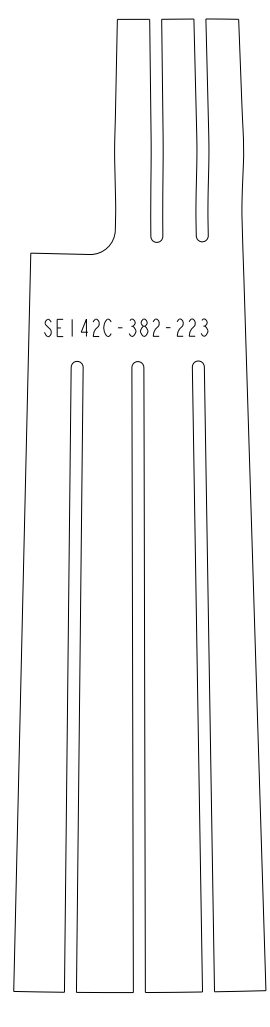
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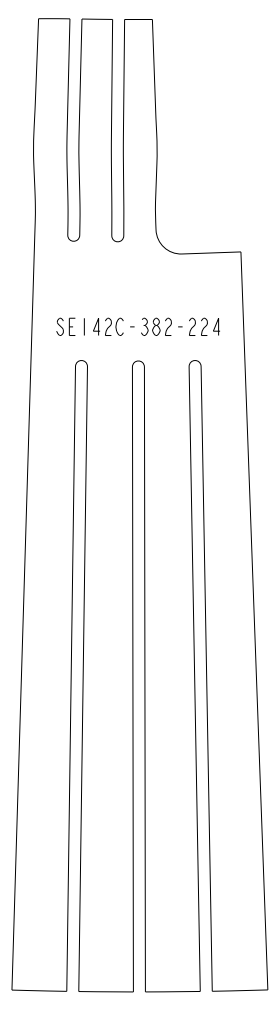
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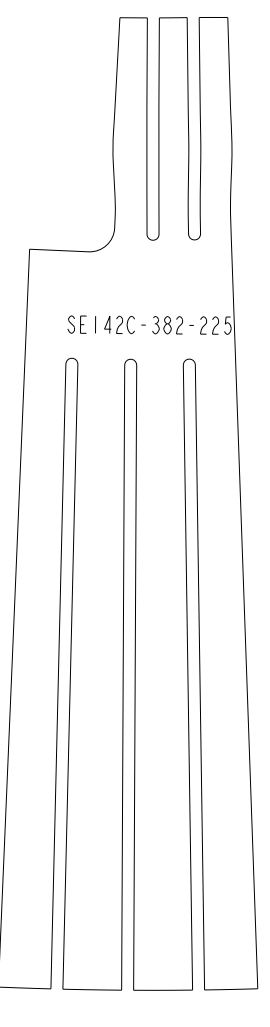
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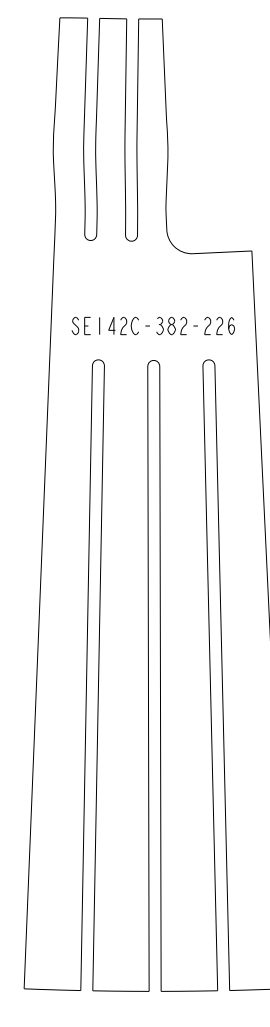
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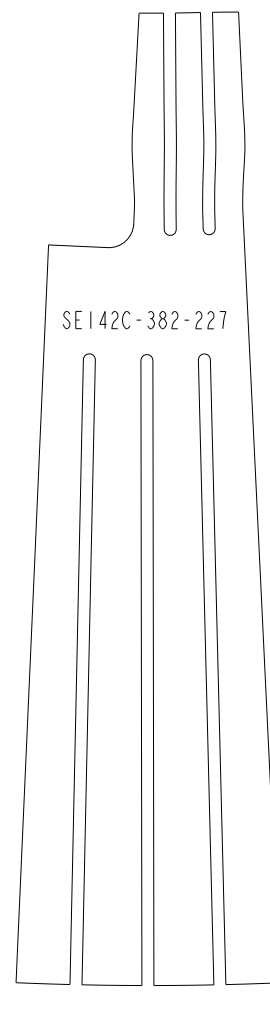
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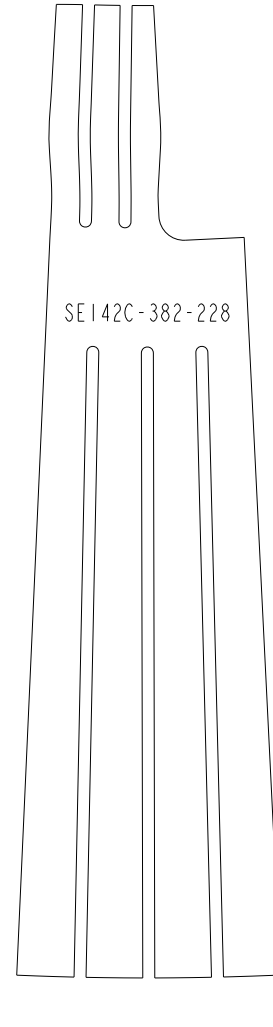
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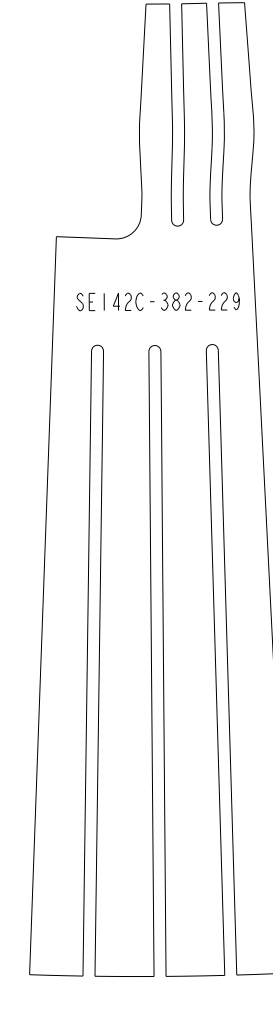
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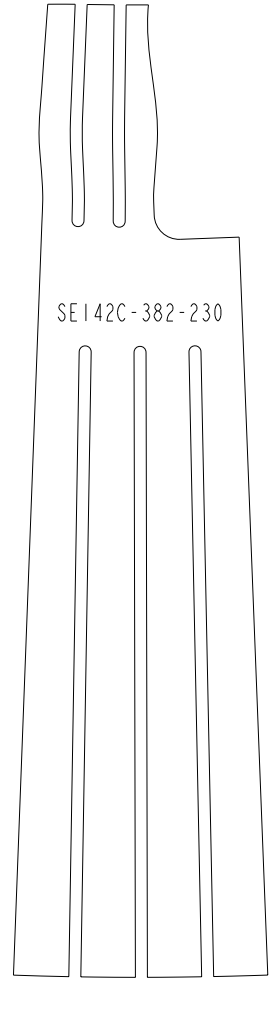
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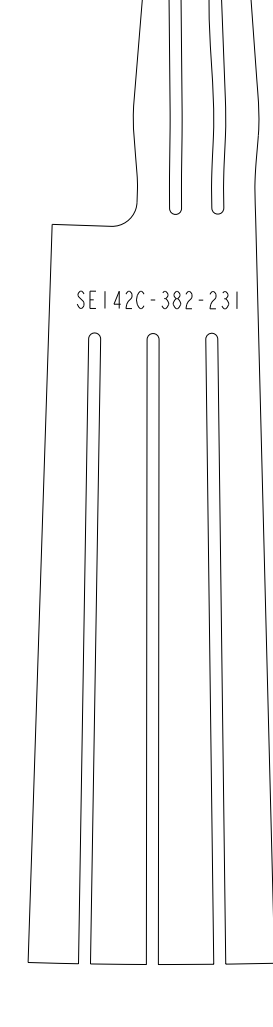
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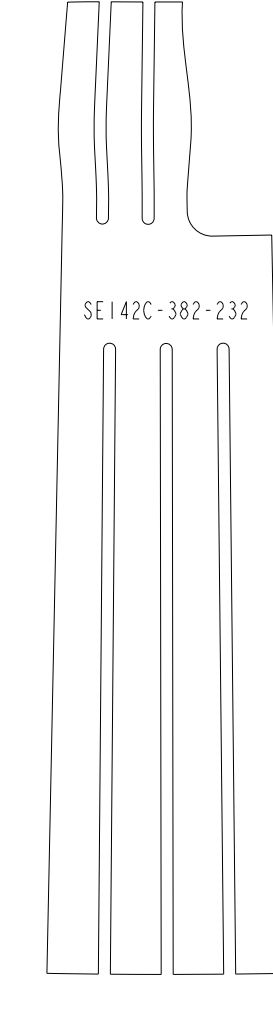
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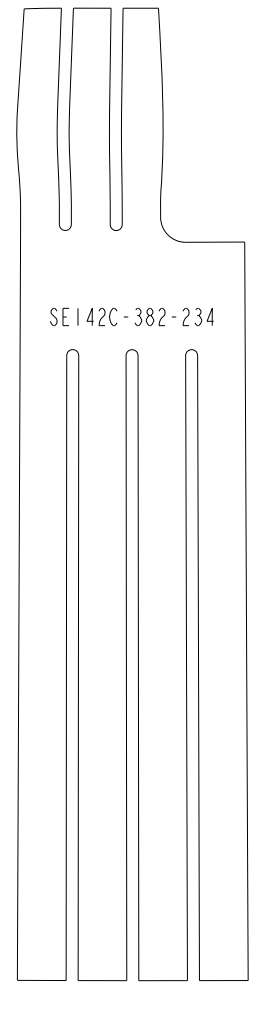
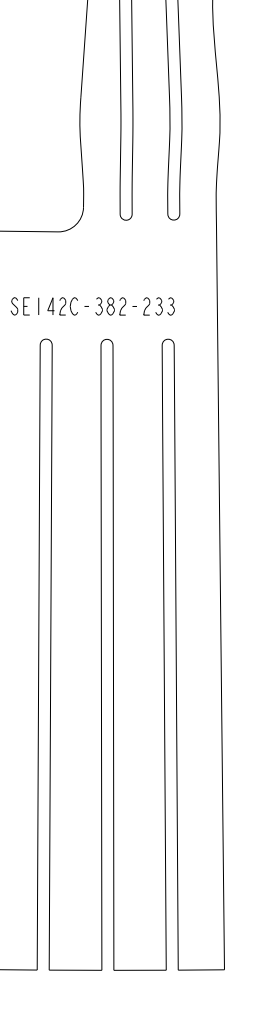
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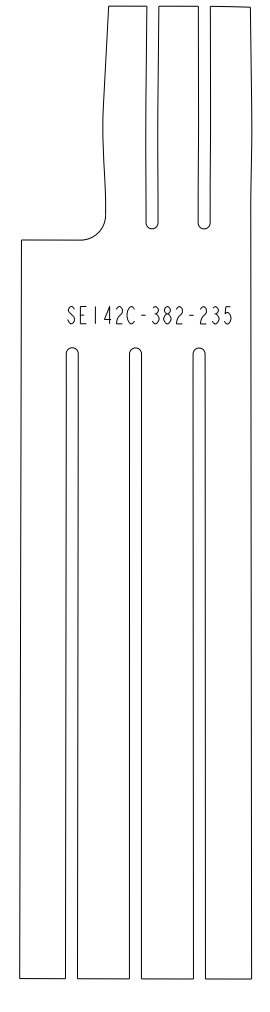
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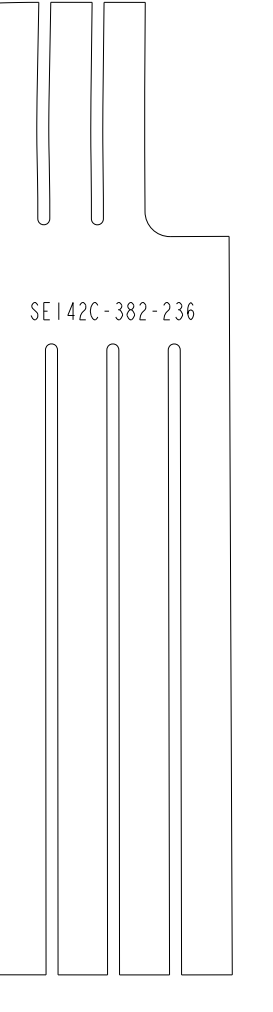
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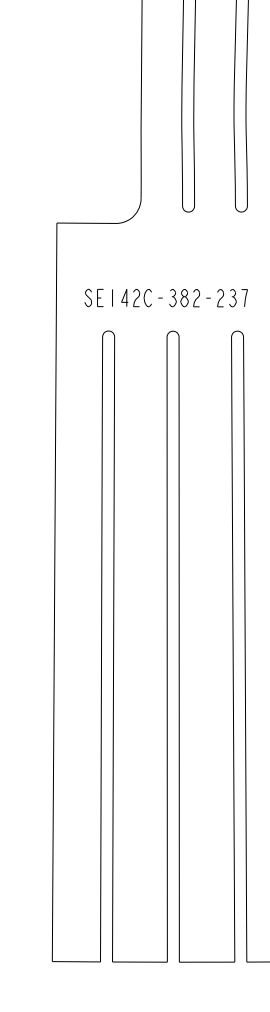
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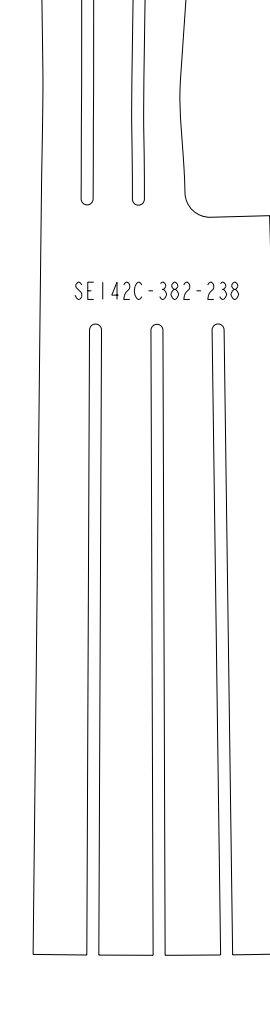
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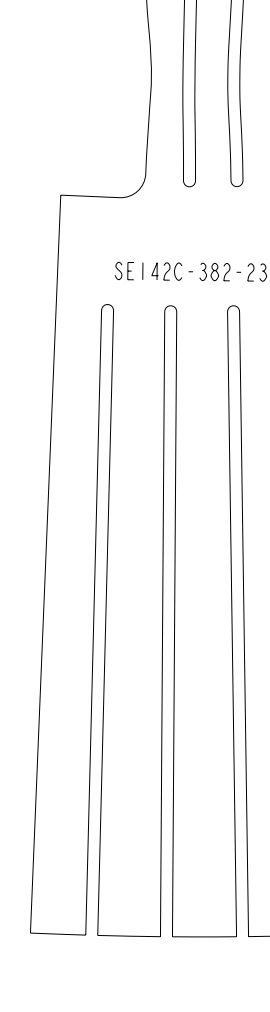
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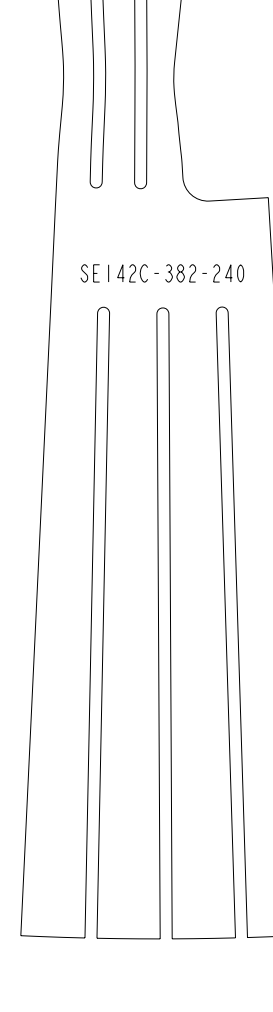
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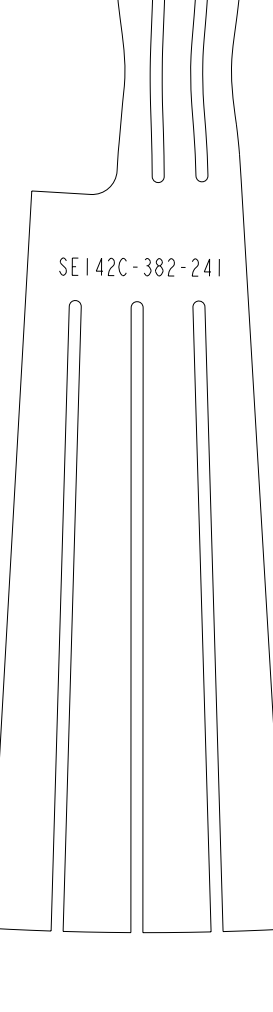
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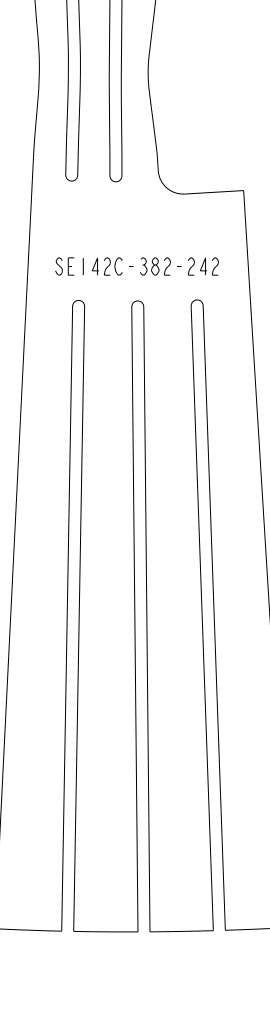
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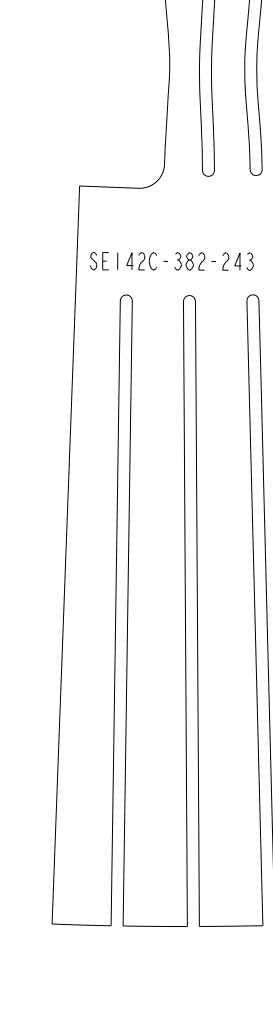
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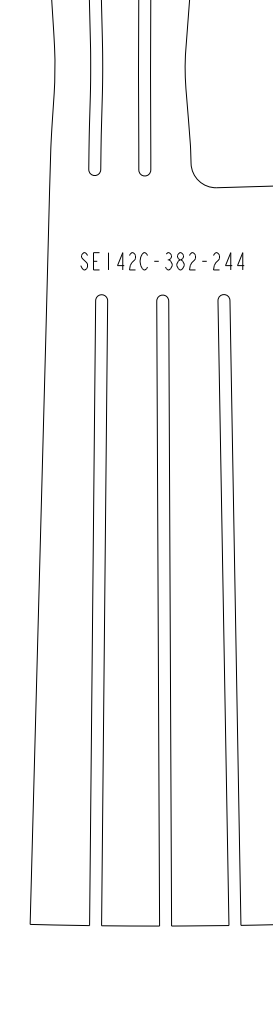
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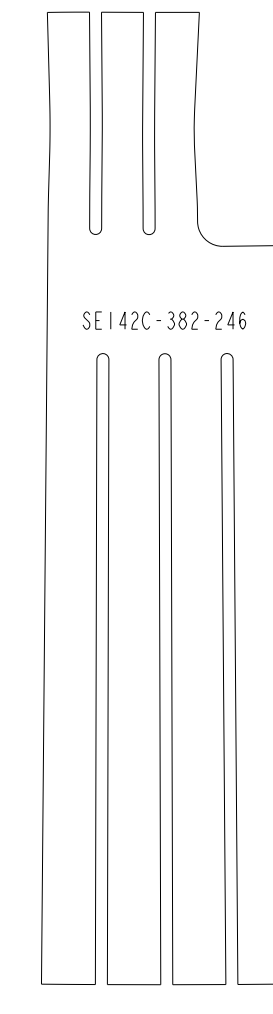
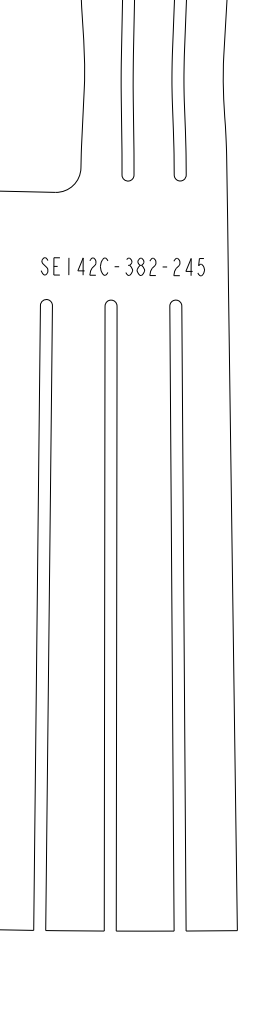
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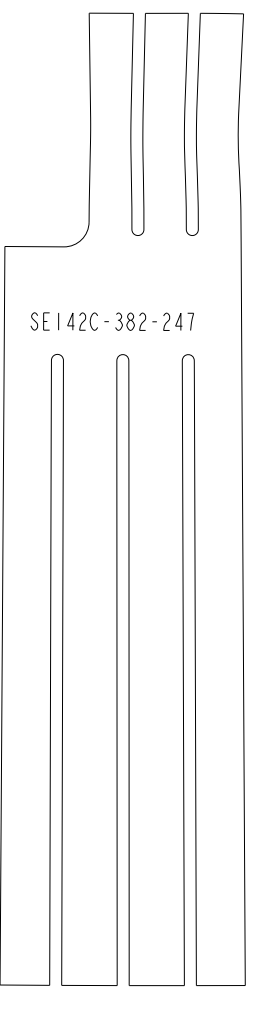
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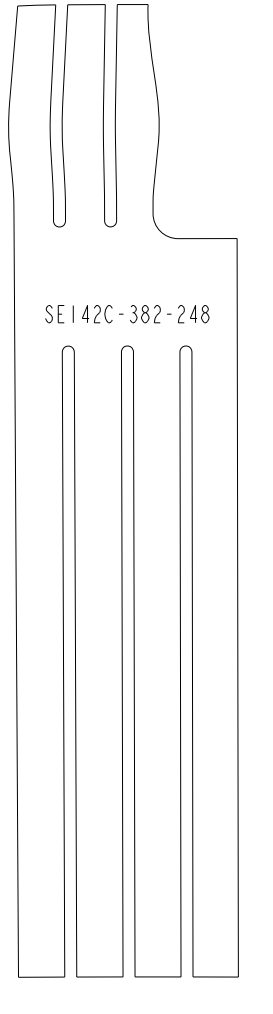
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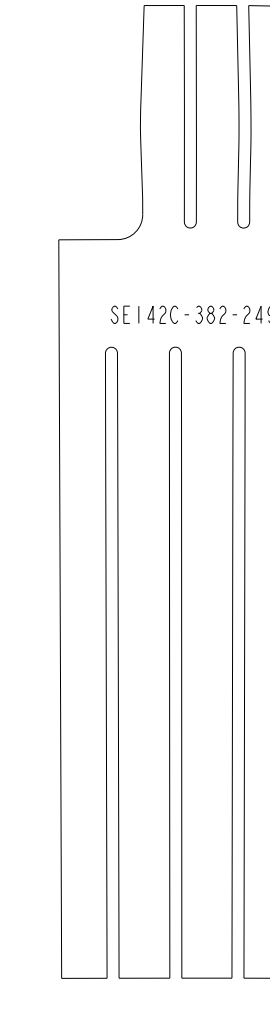
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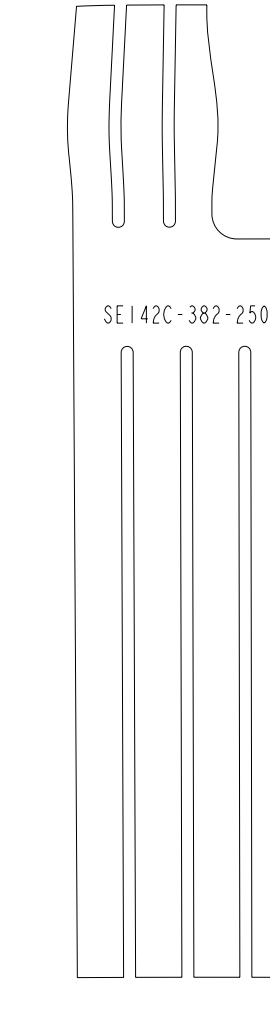
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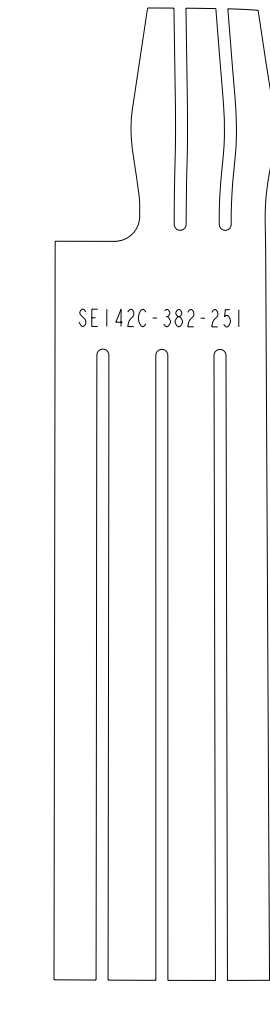
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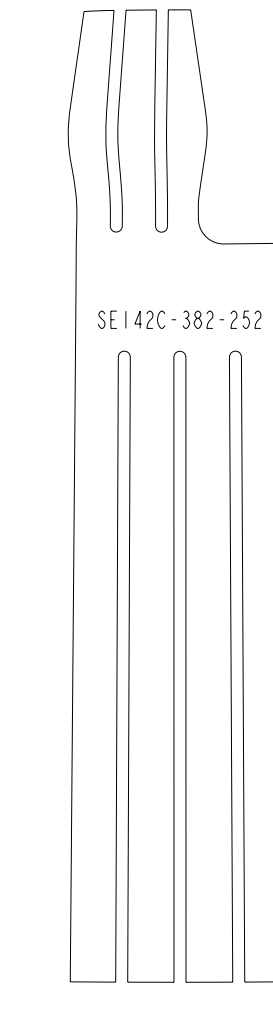
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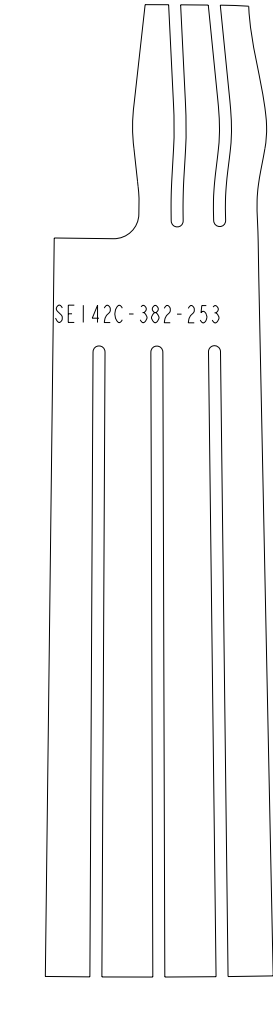
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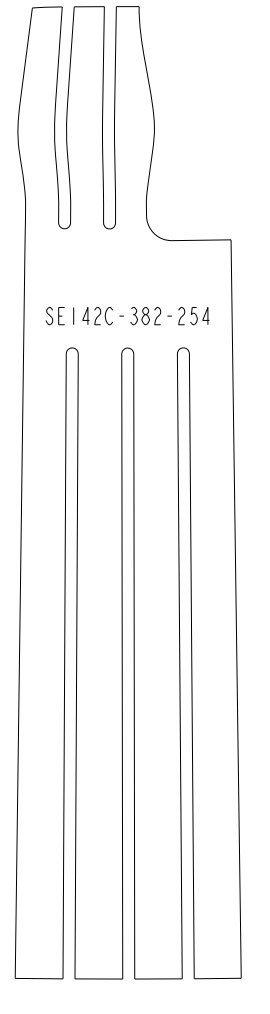
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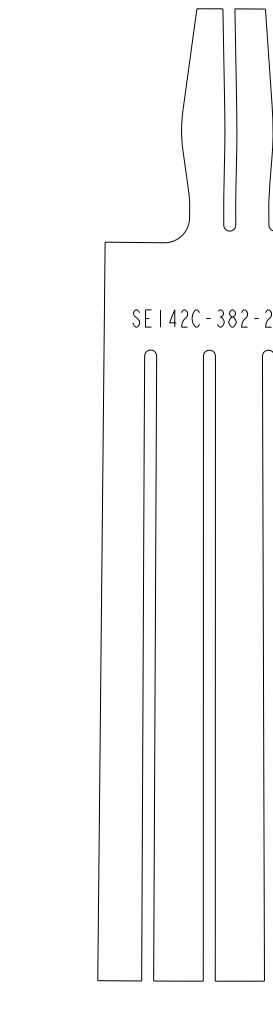
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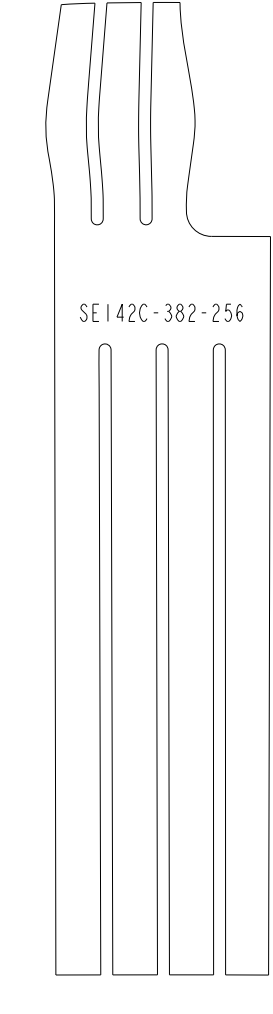
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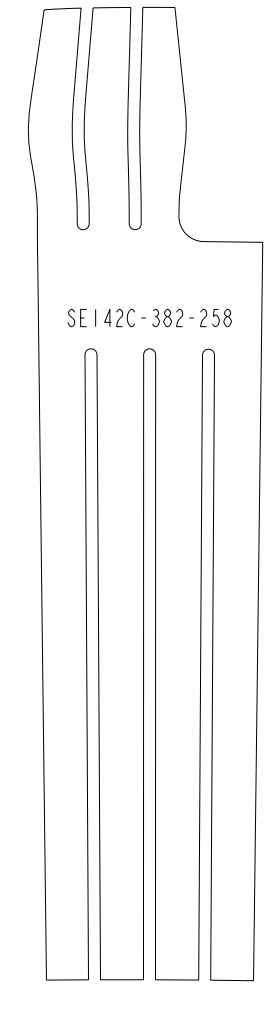
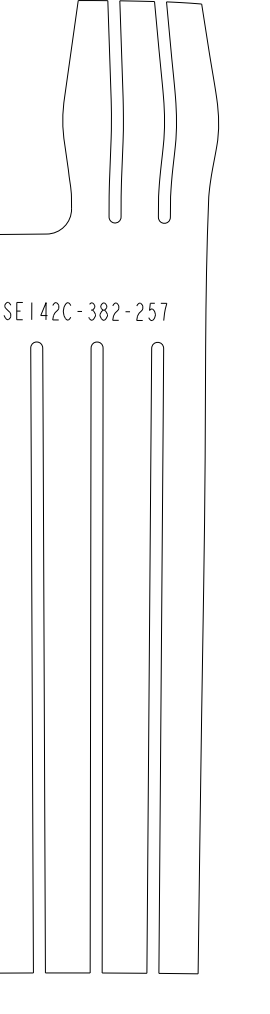
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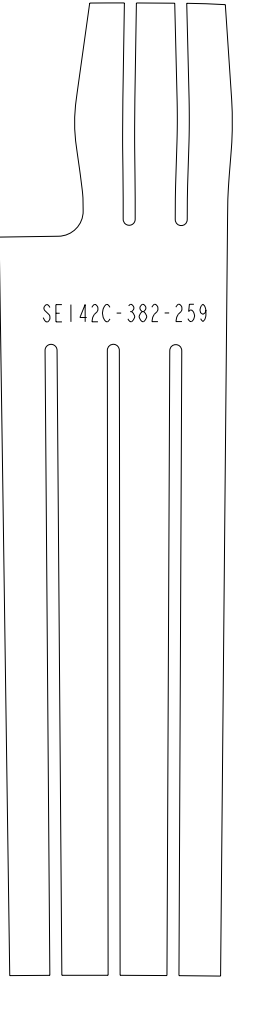
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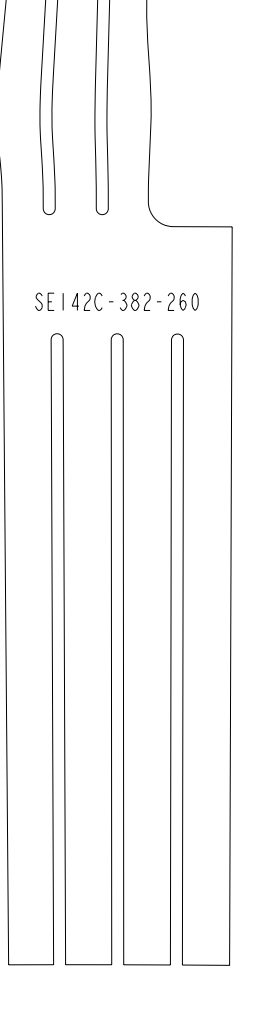
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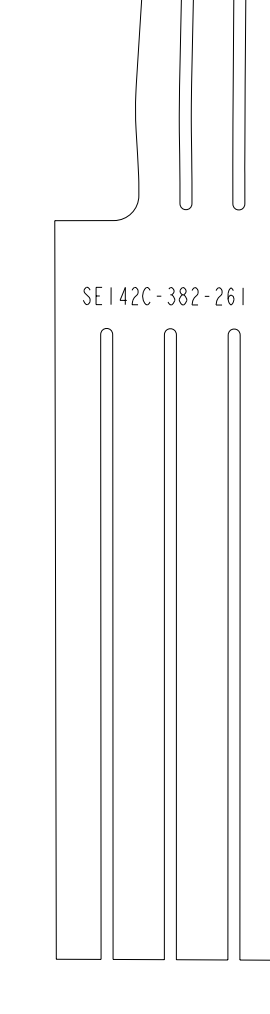
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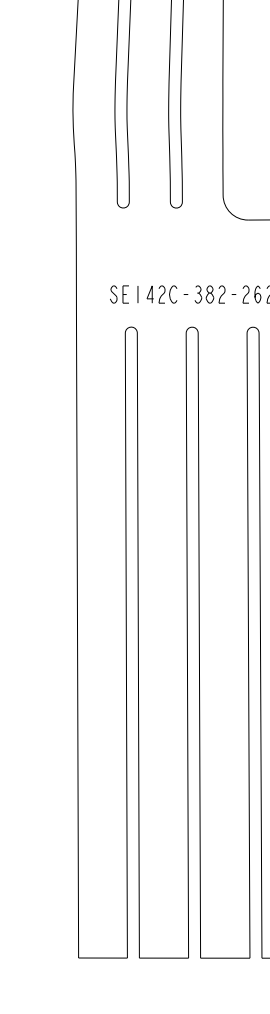
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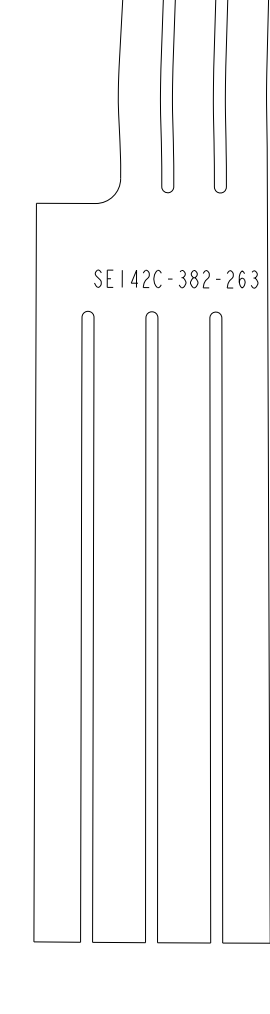
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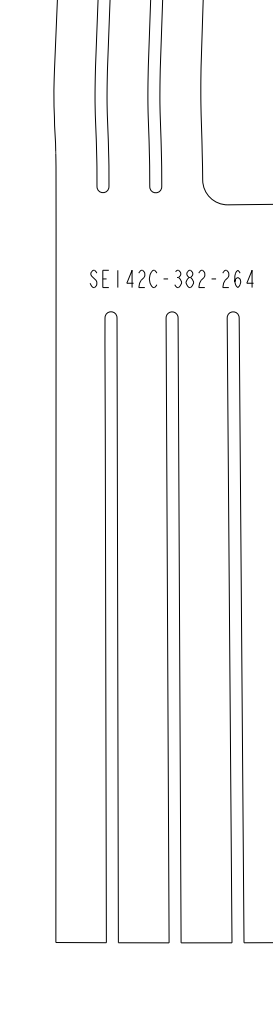
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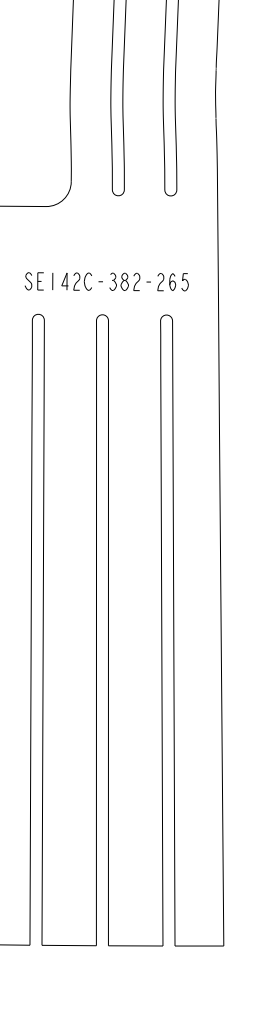
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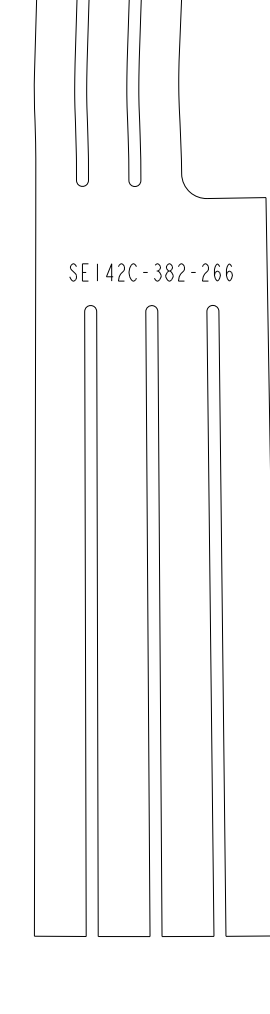
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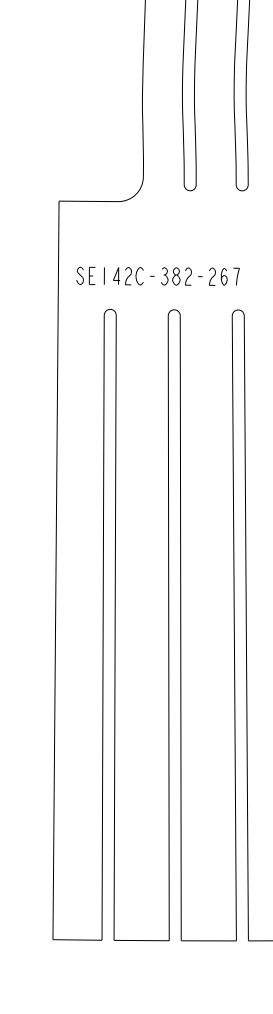
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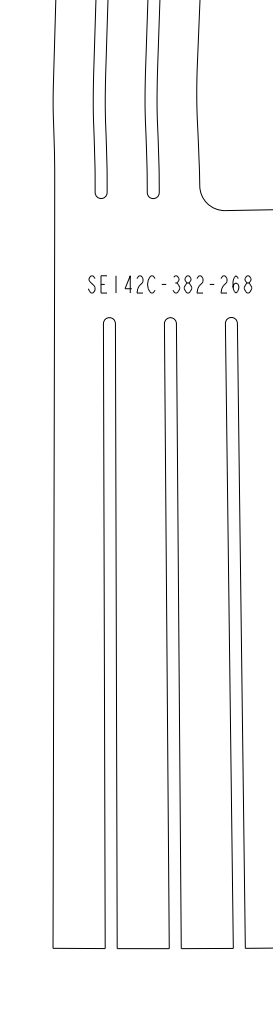
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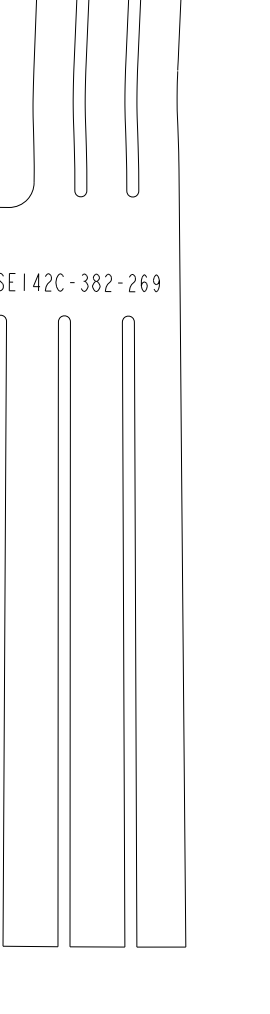
115



116



117



1

THESE PARTS NEMA GRADE GIICR MATERIAL

UT-BATTELLE		Oak Ridge National Laboratory managed for the DEPARTMENT OF ENERGY under U.S. GOVERNMENT contract DE-AC05-00OR22725 UT-BATTELLE, LLC, Oak Ridge, Tennessee					
PROJECT NAME		NATIONAL COMPACT STELLARATOR EXPERIMENT					
SUBPROJECT		MODULAR COIL TYPE-C SIDE-A UPPER CLADDING FLAT PATTERN LAYOUT					
VERSION NO.	PLANT	BLDG	FL	SHT	OF	TYPE	CLASS
4	X-10	5700	3	5	5	S	U
RELEASE LEVEL		SEI42C-382				REV	
WIP						I	