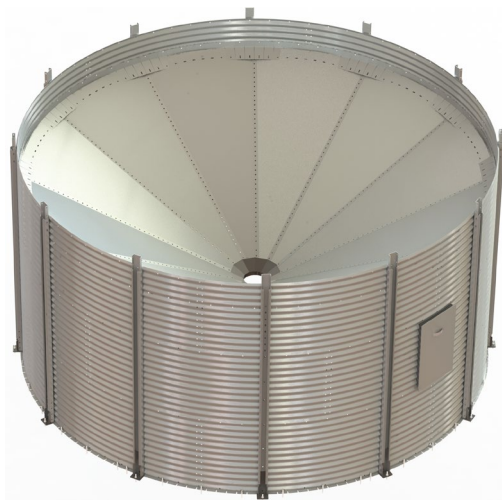
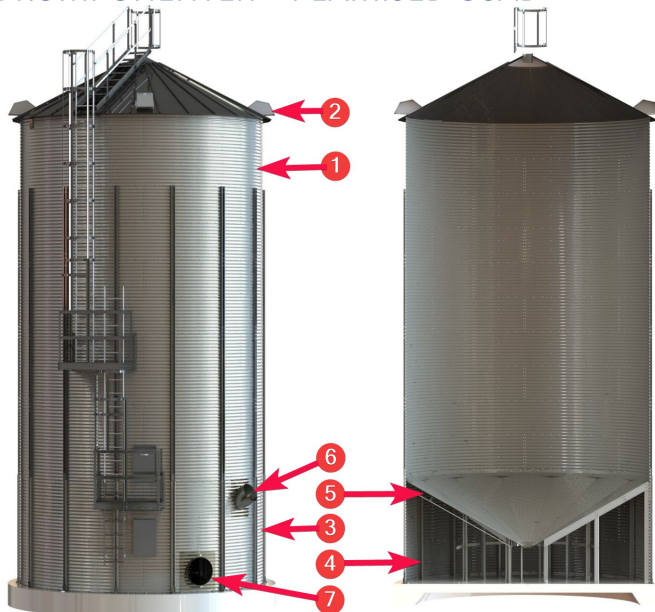




Ø4,8 / 5,6m

**SISÄKARTIOPOHJA
INNER CONE BOTTOM
INRE KONISK BOTTEN
SISE KOONUSPÕHI**

PÄÄOSAT – MAIN COMPONENTS – HUVUDKOMPONENTER – PEAMISED OSAD



1. Pyöreä silo – Round silo – Rund silo – Ümar silo
2. Ilman poistoyhde – Air outlet – Luftutlopp – õhu väljalaskeava *
3. Siilon alaosa – Silo bottom section - Silons nedre del - Silo alumine osa
4. Lisäjalat – Additional legs – Extra fötter – Lisajalad **
5. Sisäkartio – Internal conus – Inner kon – Sisekoonus
6. Kuljettimen läpivienti – Conveyor lead through – Transportör Bussning – Konveieri läbiviik *
7. Ilman puhallusyhde – Air inlet – Luftintag – Õhu sisselaskeava *

* Riippuen sisäkartiotyyppistä ja optioista – Depending on the internal cone and options –
Beroende på typ av innerkon och tillval – Sõltuvalt sisekoonuse tüübist ja valikutest

** Vähintään 9-kerroksisissa siloissa - In silos with at least 9 layers - I silos på minst 9 våningar - Vähemalt 9-korruselistes silodes

PYÖREÄ SIILO - ROUND SILO – RUND SILO – ÜMAR SILO

Noudata siilon kokoamisohjeita - Follow silo construction guide - Följ anvisningarna för monteringen av silon - Järgige silo kokkupaneku juhiseid

Lisäohjeet – Additional instructions – Ytterligare information – Lisainformatsioon

1. Siilon tyhjennyskuljettimen asemointi

- Merkitse haluttu kuljettimen
asennuslinja betoniin.
- Asemoi siilon ulkopuoliset jalat
symmetrisesti asennuslinjan
suhteen.

Silo unload conveyor positioning

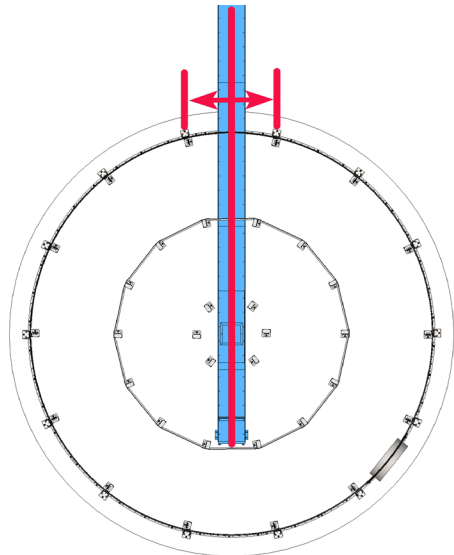
- Mark the desired conveyor
installation line to concrete.
- Position the outer legs of the
silo symmetrically in relation to
the installation line.

Positionering av silons utmatningstransportör

- Markera den önskade
installationslinjen för
transportören på betongen.
- Placera silons ytterben symmetriskt i förhållande till monteringslinjen.

Silo tühjenduskonveieri paigutus

- Märgistage betooni soovitud konveieri paigaldusjoon.
- Paigutage silo välisjalad sümmeetriliselt paigaldusjoone suhtes.



2. Tikkaat

Siilon katolla olevan miesluukun asemointi ulkopuolen pystytukiin nähden.

- 1 tikasnousu: Pystytuen kohdalle.
- 2 tikasnousua: Symmetrisesti ulkopuolen pystytukien väliin.

Lisävarusteena saatavilla tikkaiden jatko / lepotaso kartion yläpuolen miesluukulle.

Ladder

Positioning of roof manhole in relation to the outer legs of the silo.

- 1 ladder rise: On the vertical support
- 2 ladder rises: Symmetrically between the outer legs.

Extra ladder / rest platform for the manhole above the cone available as an accessory.

Stegen

Placering av manluckan på silons tak i förhållande till de vertikala stöden på utsidan.

- 1 steg upp: till den vertikala dörren.
- 2 stegar: Symmetriskt mellan de vertikala stöden på utsidan.

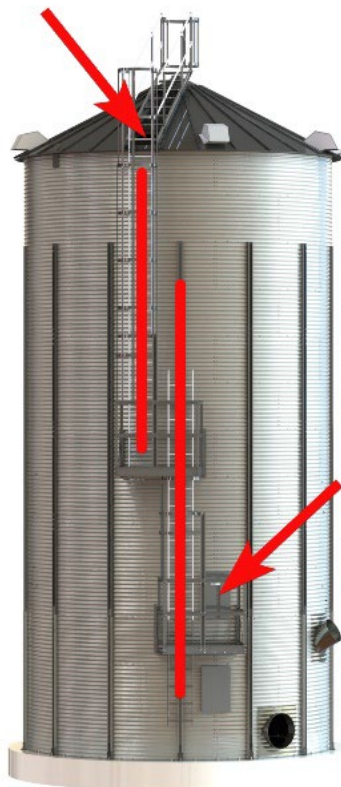
Valfri stegeförlängning/fördjupning för manluckan ovanför konen.

Redel

Kaevu paigutus silo katusel seoses vertikaalsete toestustega väljastpoolt.

- 1 redeli tõus: vertikaalse ukse juurde.
- 2 redelitõusu: sümmeetriliselt vertikaalsete tugede vahel väljastpoolt.

Valikuline redelipikendus/tagumine koonuse kohal asuva kaevu jaoks.



3. Ilman poistoyhde – Air outlet – Luftutlopp – õhu väljalaskeava



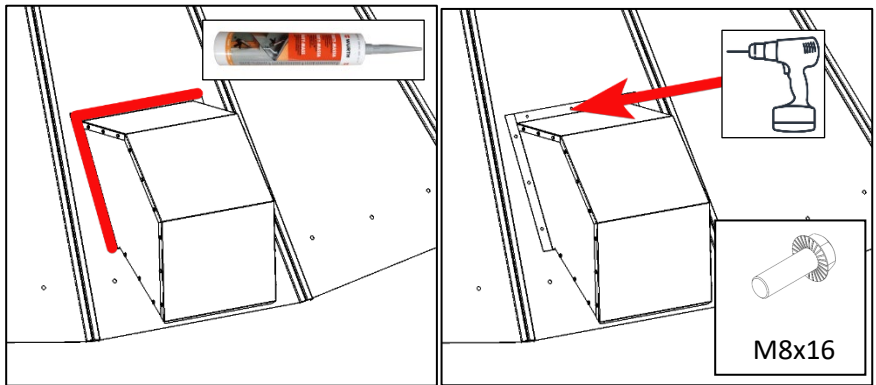
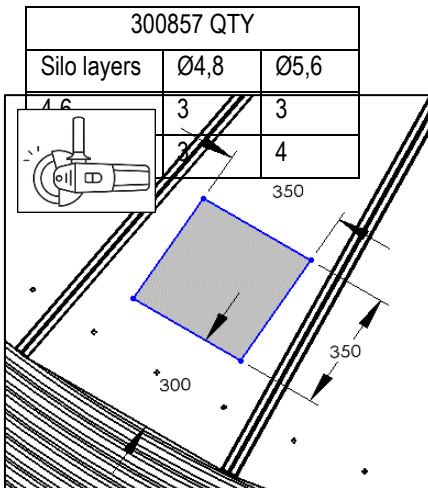
Asenna ilman poistoyhteet symmetrisesti silon katolle.

Install air outlets symmetrically to the silo roof.

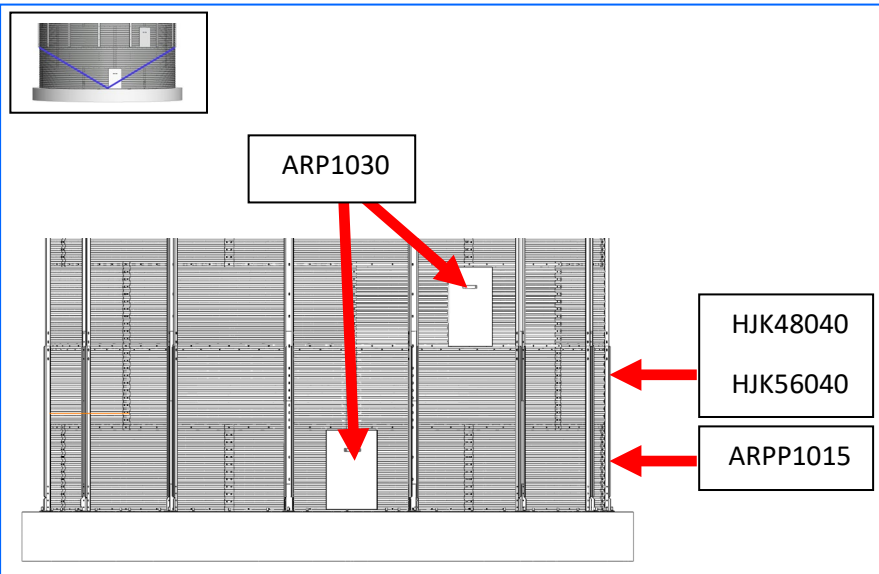
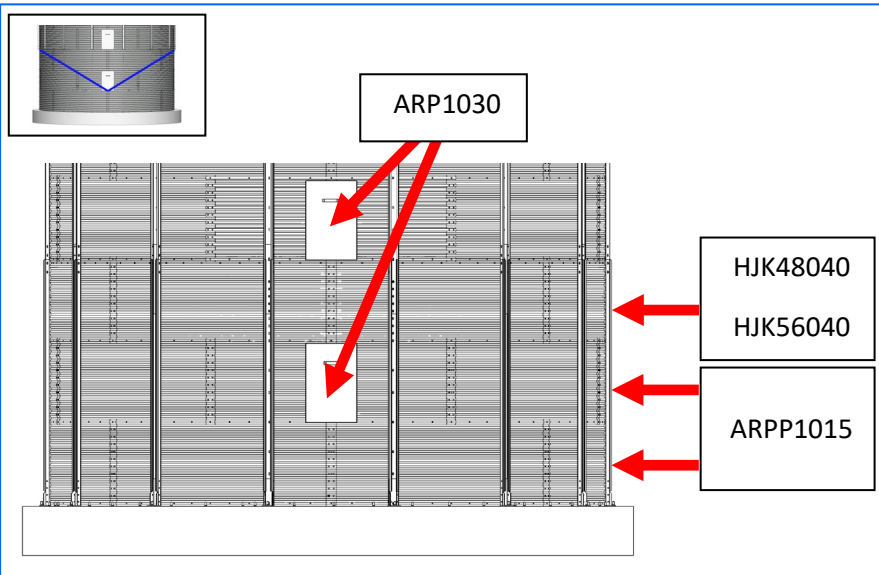
Montera luftutloppar symmetriskt på silotaket.

Paigaldage õhu väljalaskeühendused sümmeetriliselt silo katusele.

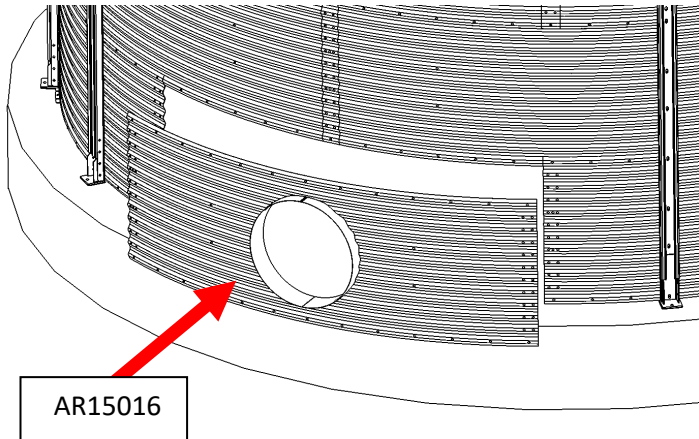
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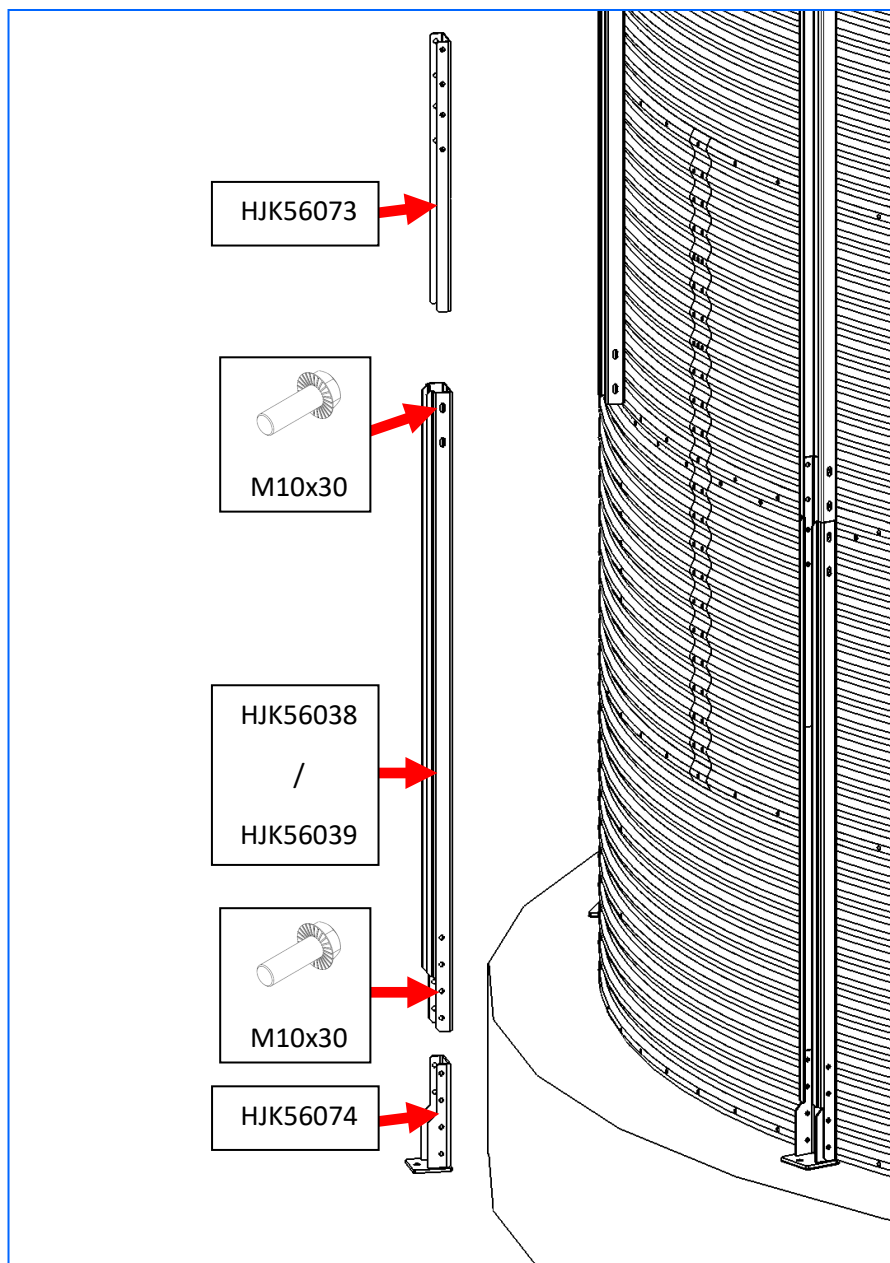


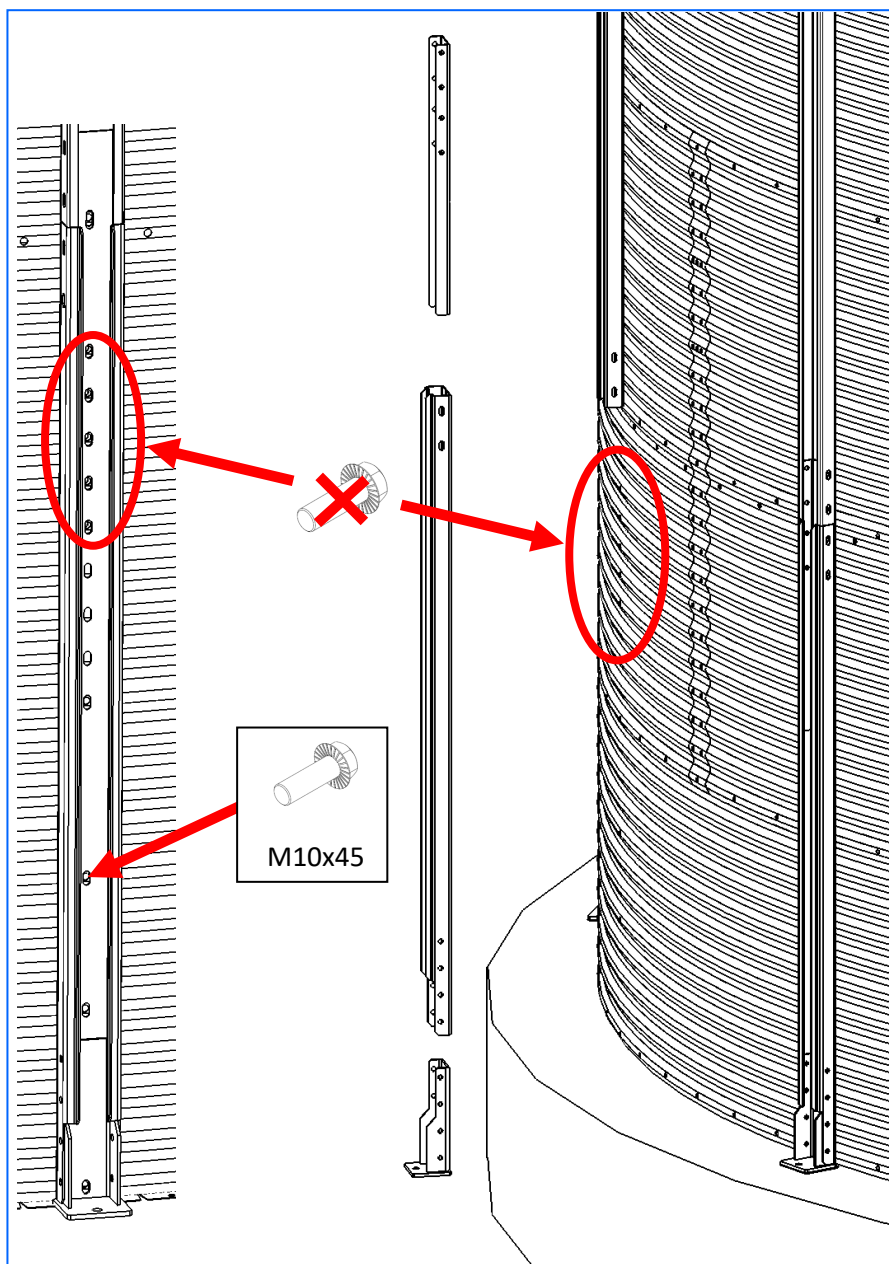
SIILON ALAOSA - SILO BOTTOM SECTION - SILONS NEDRE DEL - SILO ALUMINE OSA

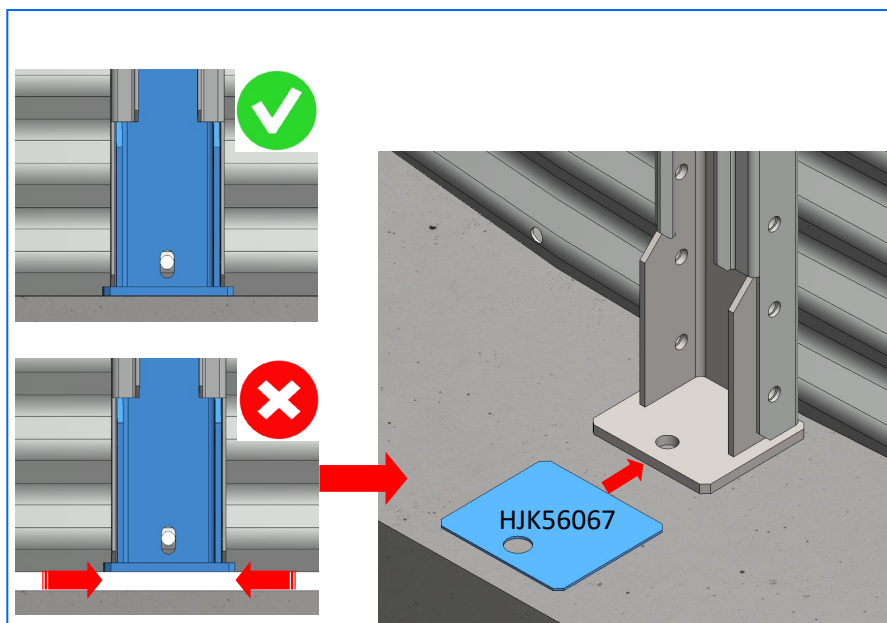
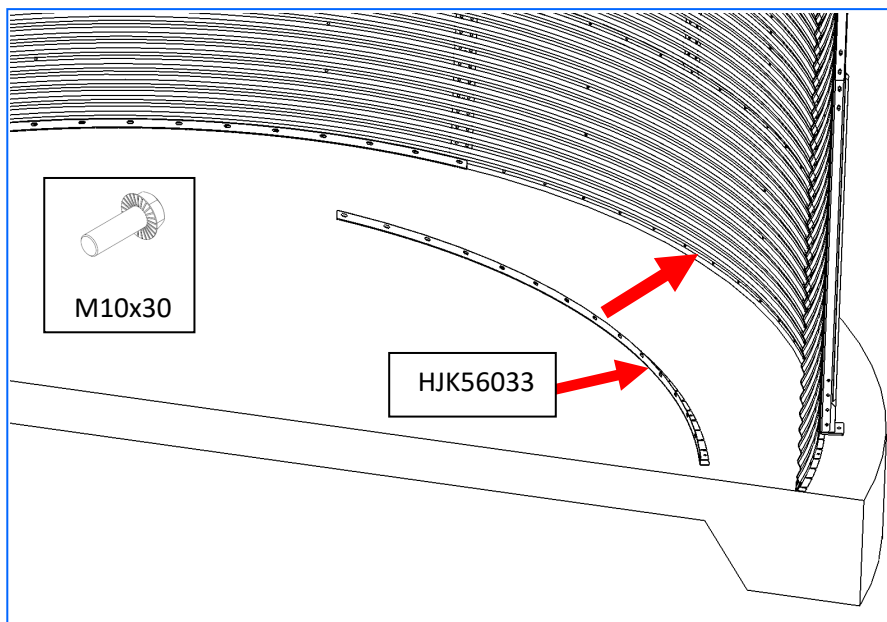


Ilman puhallusyhde – Air inlet – Luftintag – õhu sisselaskeava









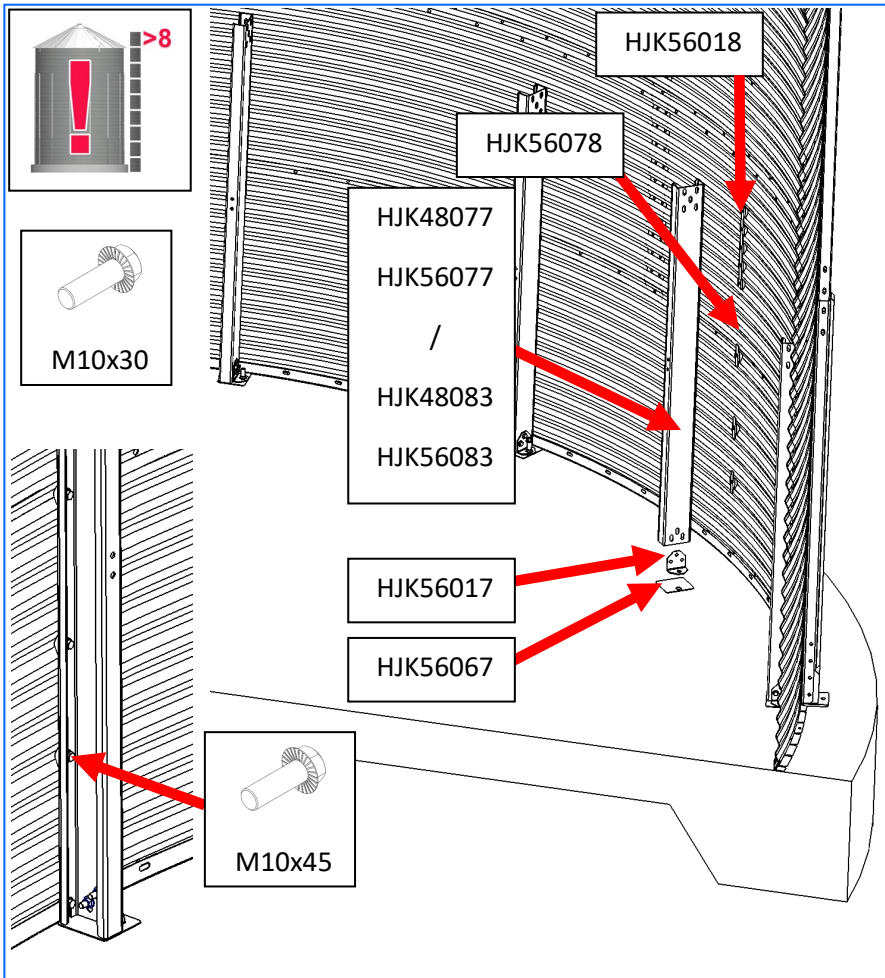
SISÄKARTIO – INTERNAL CONUS – INNER KON – SISEKOONUS

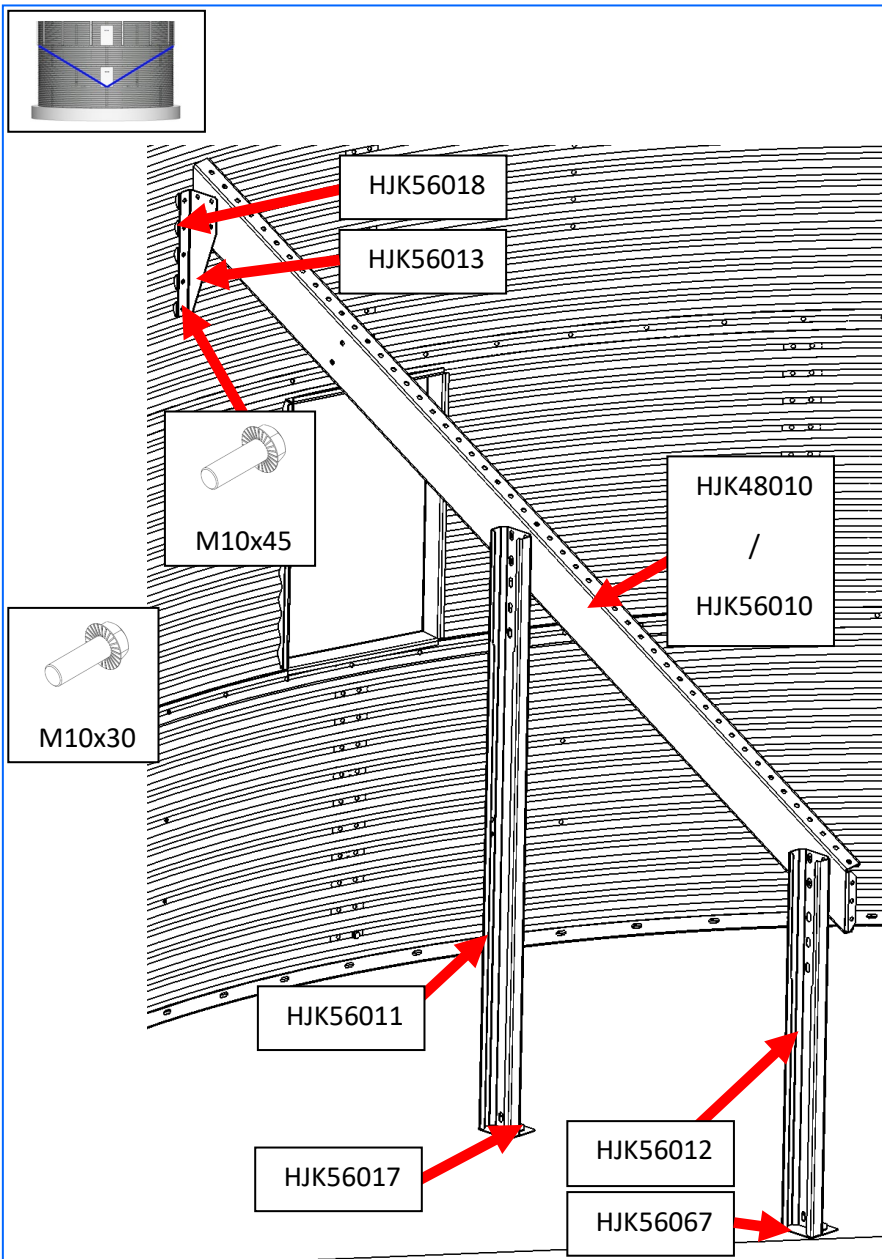
Kiristä pultit aluksi sormitiukkuuteen.

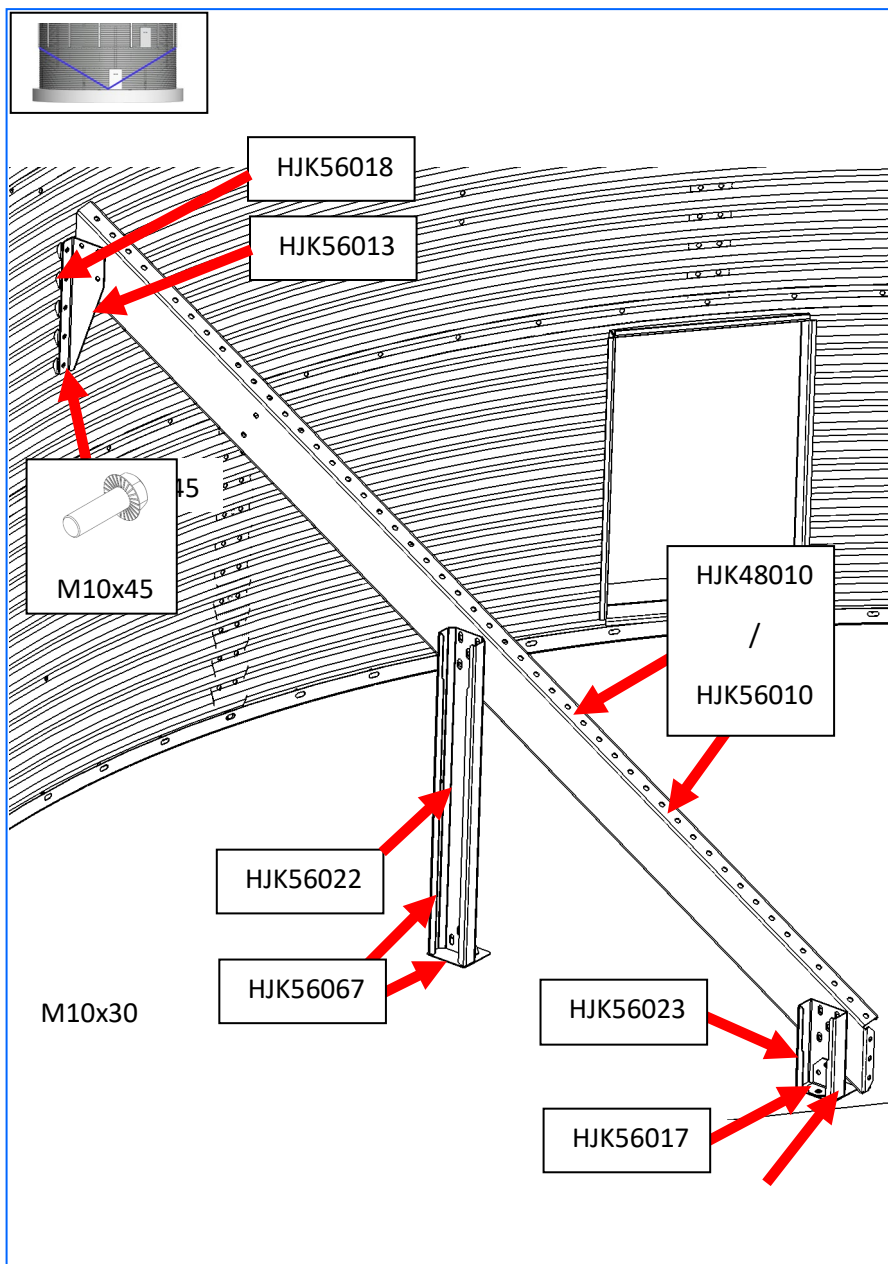
Tighten bolts fingertight at first.

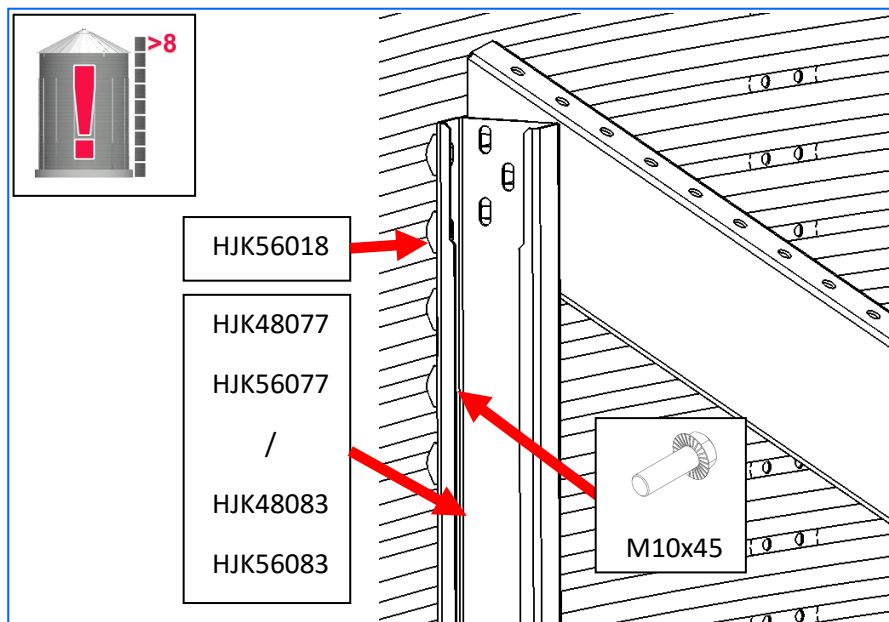
Dra åt bultarna initialt till fingerhårdhet.

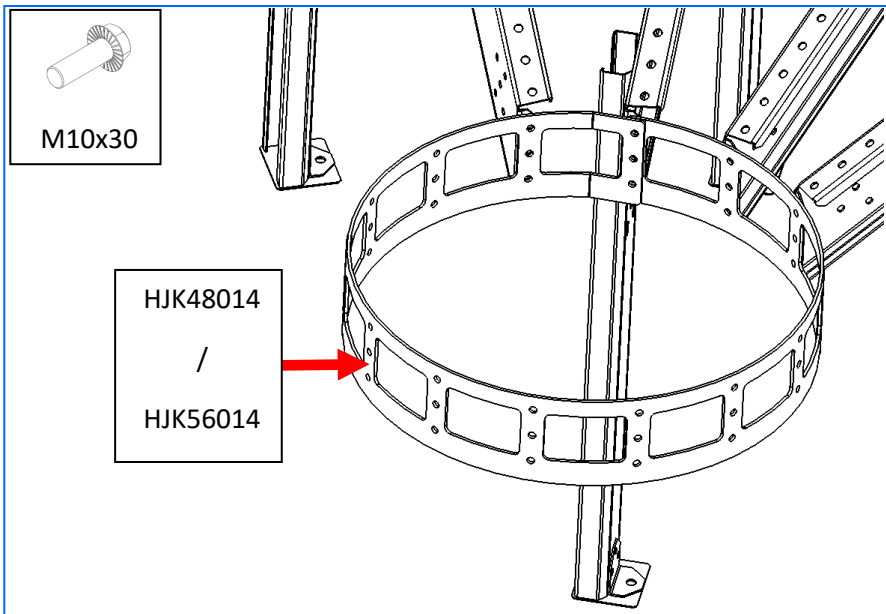
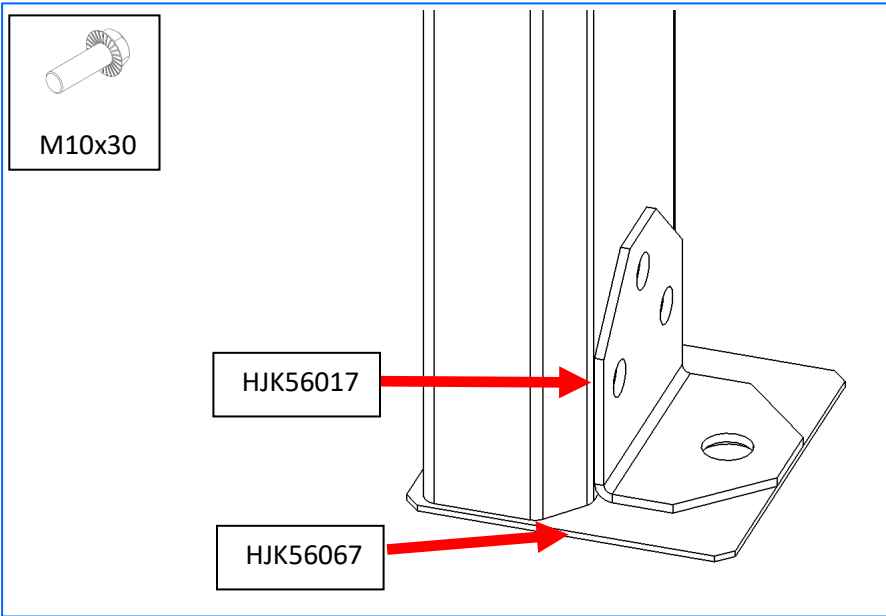
Pingutage poldid esialgu sõrmekinnitusele.





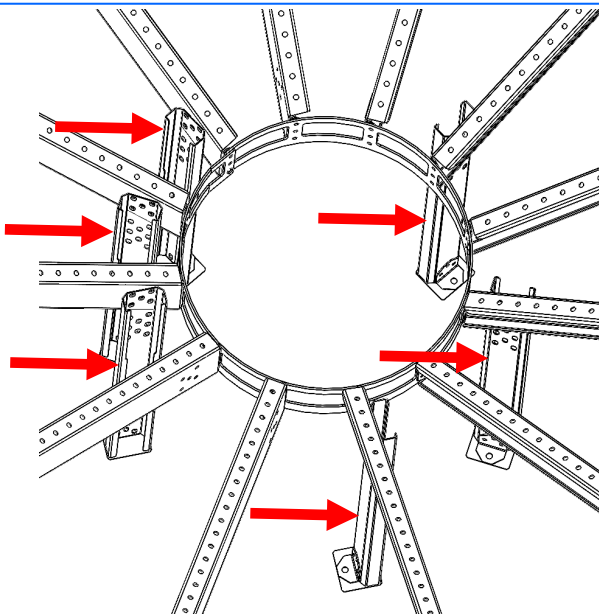






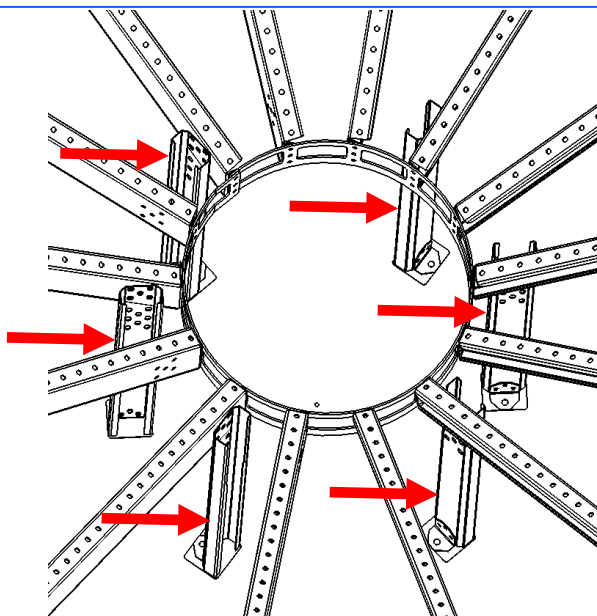
Ø4,8

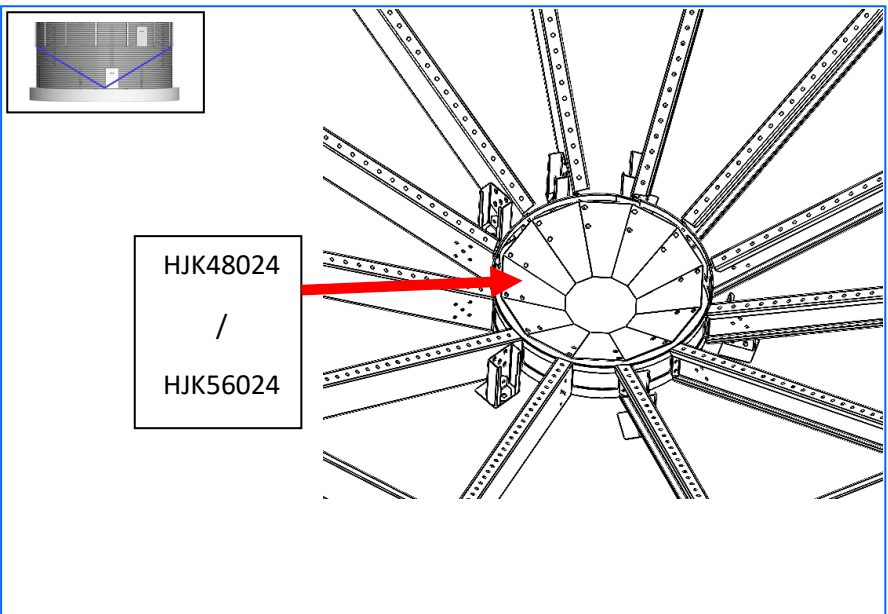
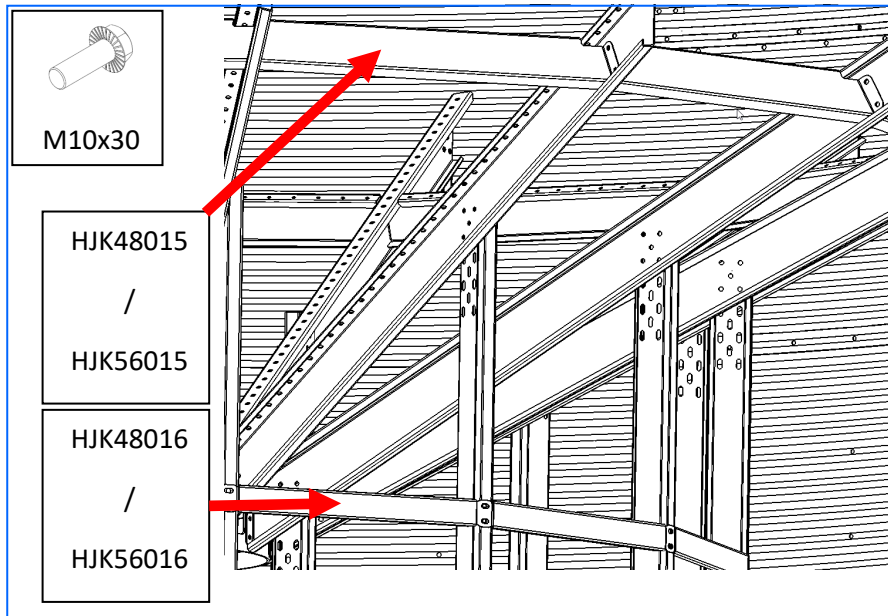
6x
HJK56012
/
HJK56023

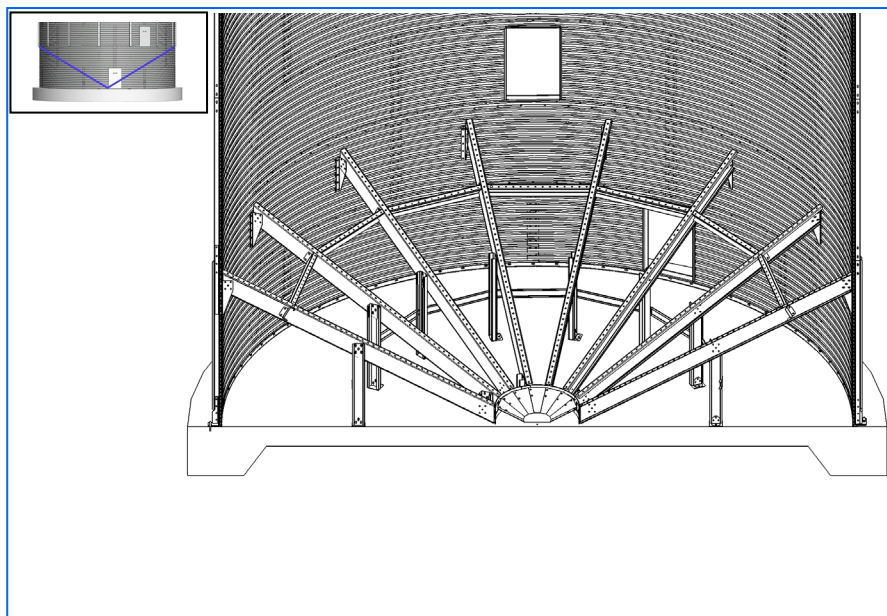
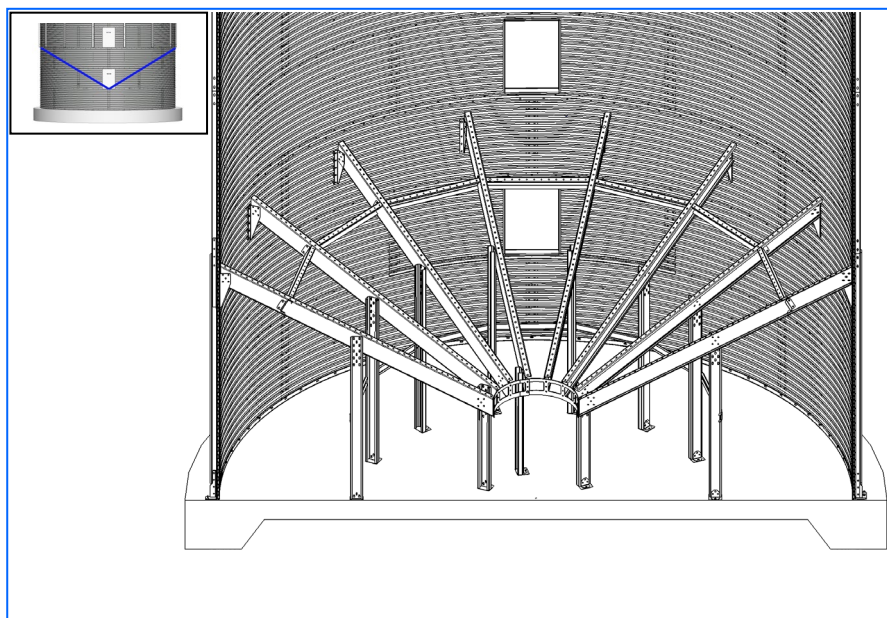


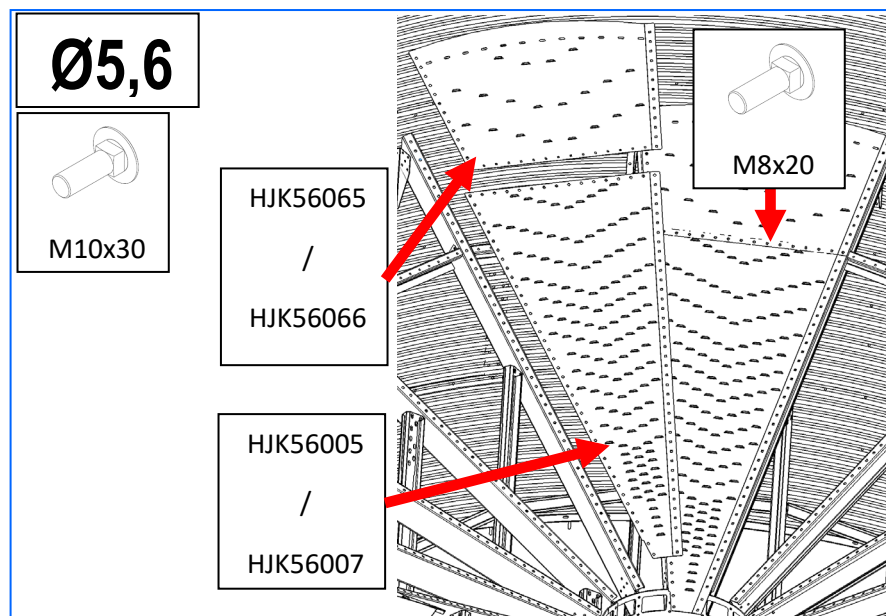
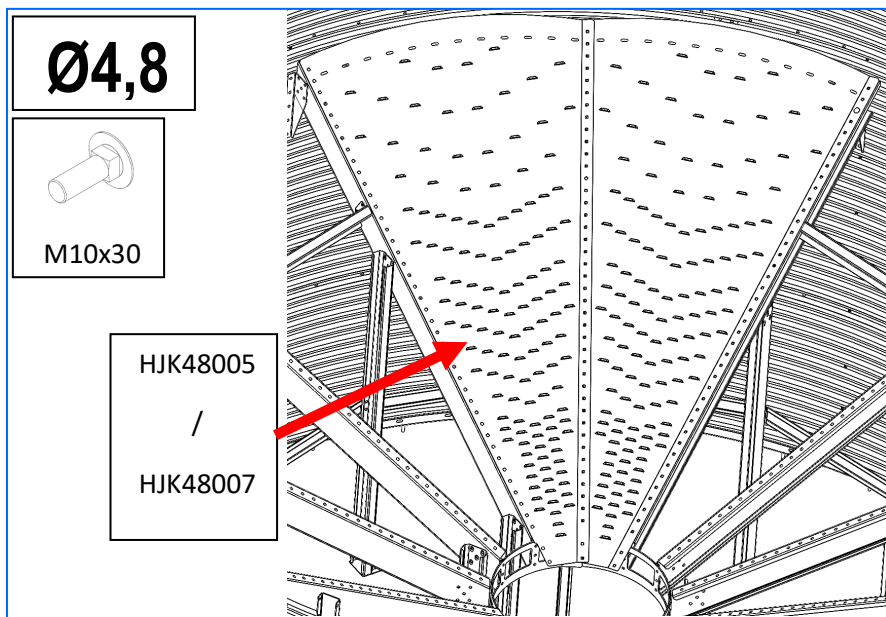
Ø5,6

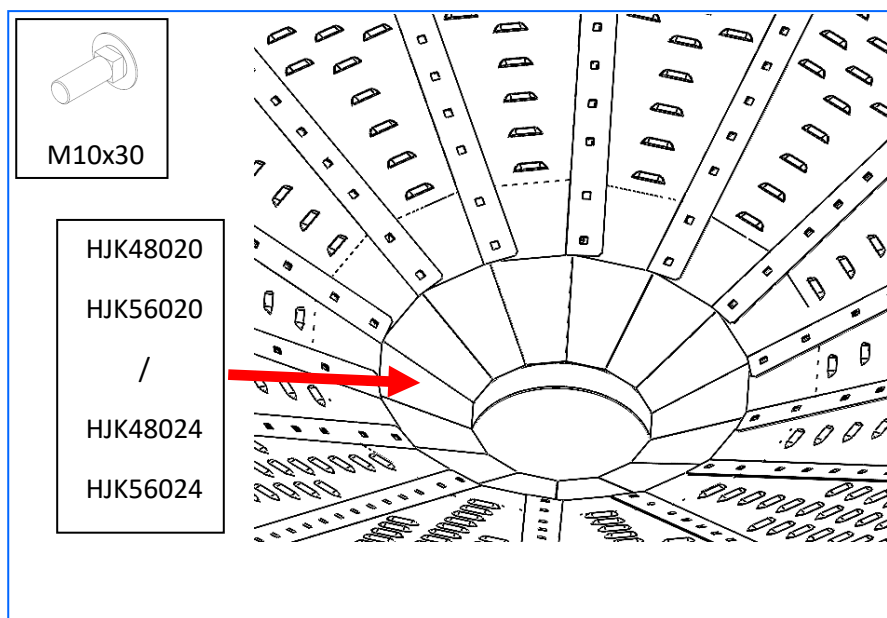
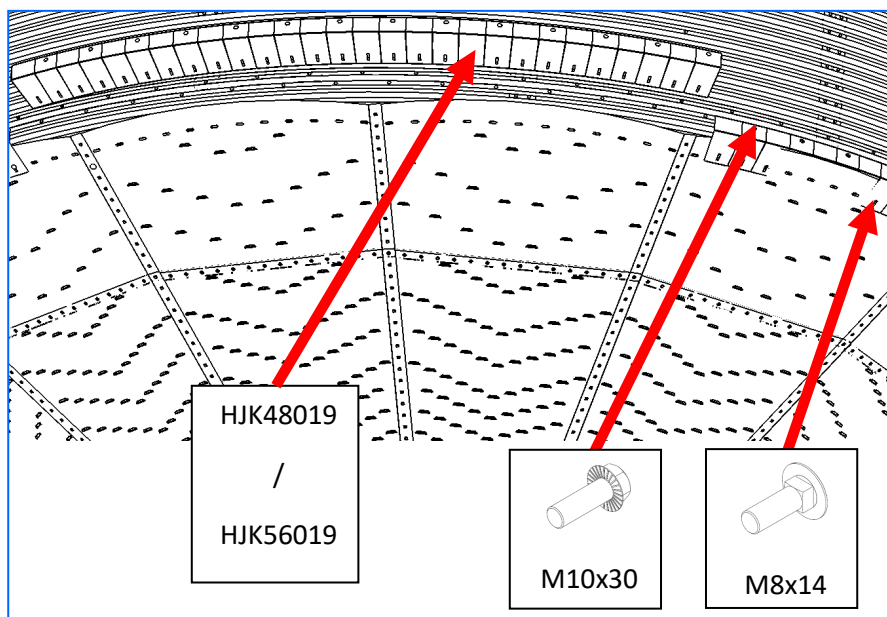
6x
HJK56012
/
HJK56023

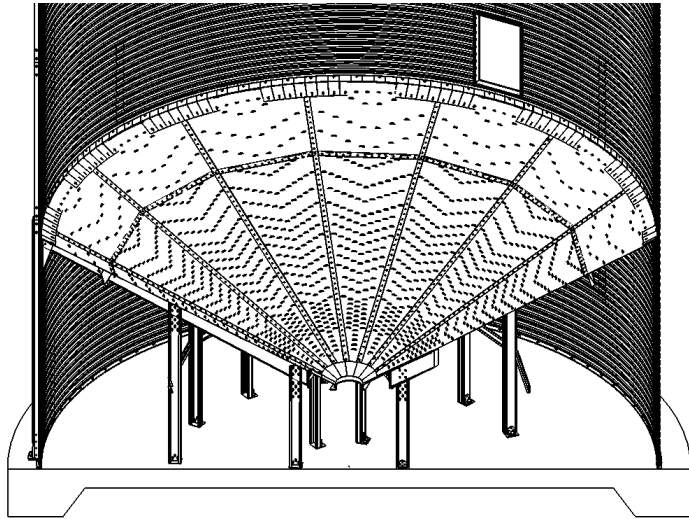








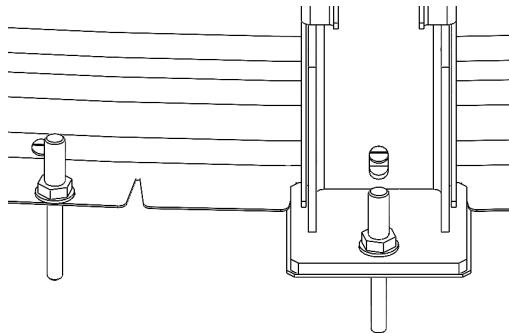
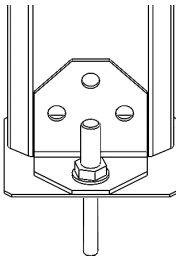
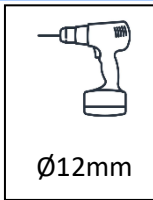




Kiristä pultit - Tighten bolts - Dra åt skruvarna - Pingutage poldid

M8: 27Nm

M10: 53NM



RUUVIKAIRAN LÄPIVIENI

SCREW CONVEYOR PASS THROUGH

BUSSNING FÖR SKRUVTRANSPORTÖREN

KRUVIKONVEIERI LÄBIVIIK

Lisävaruste – Accessory – Tillbehör - Lisaseadmed

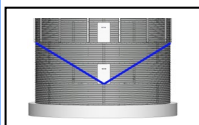
311252

H



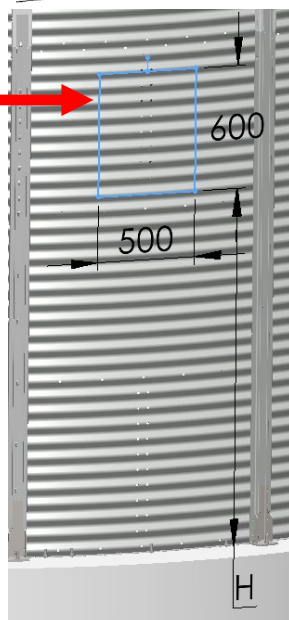
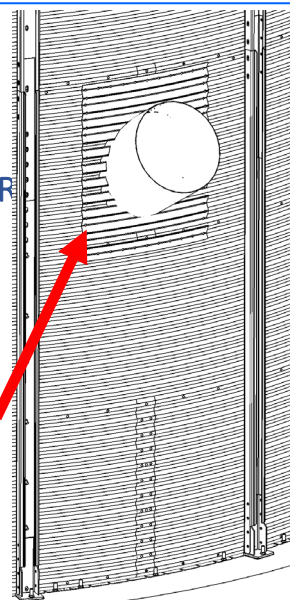
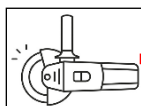
Ø4,8: 1460mm

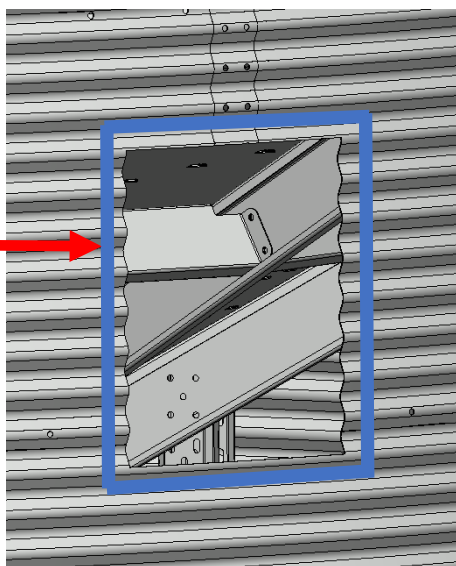
Ø5,6: 1690mm



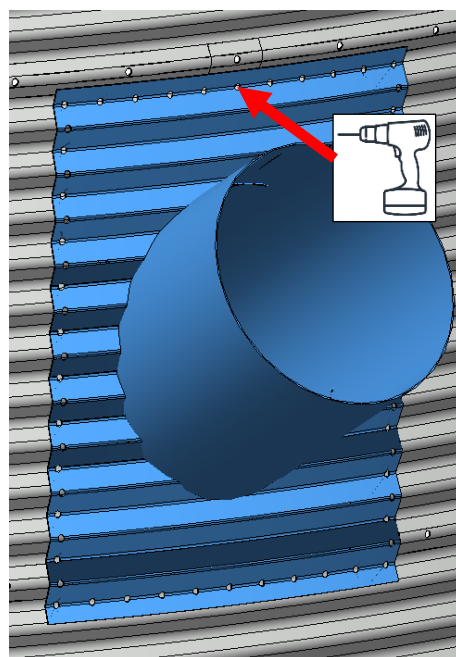
Ø4,8: 1390mm

Ø5,6: 1620mm





M10x30



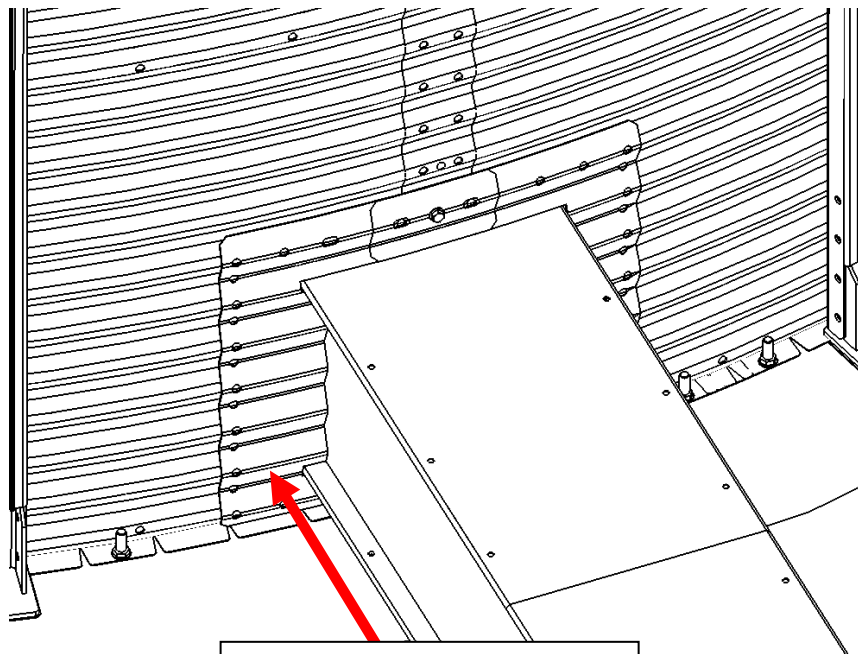
POHJAKULJETTIMEN LÄPIVIENTI

BOTTOM CONVEYOR PASS THROUGH

BUSSNING FÖR BOTTENTRANSPORTÖR

ALUMINE KONVEIERI LÄBIVIIK

Lisävaruste – Accessory – Tillbehör – Lisaseadmed

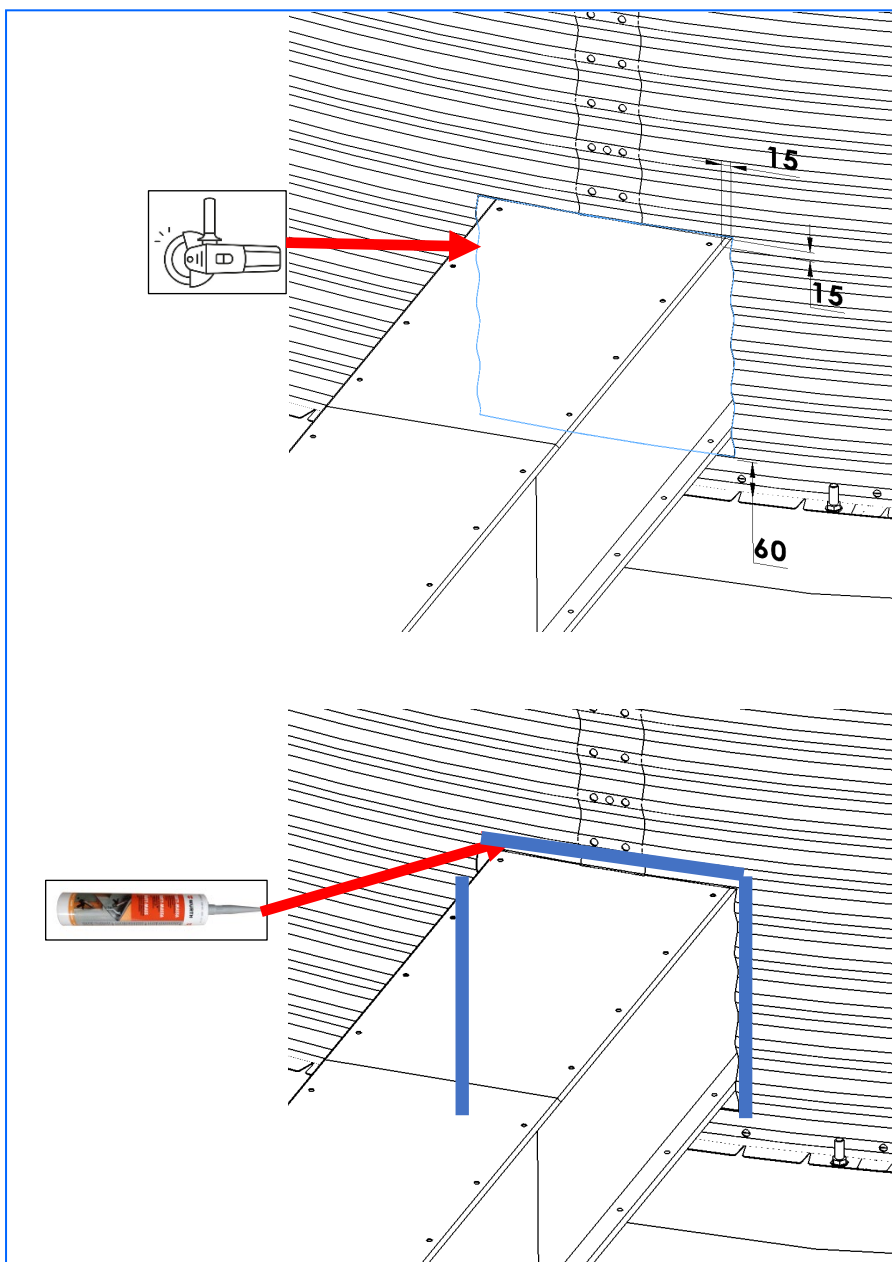


HJK56042 Skandia KTIFb

HJK56045 Skandia KTIBU

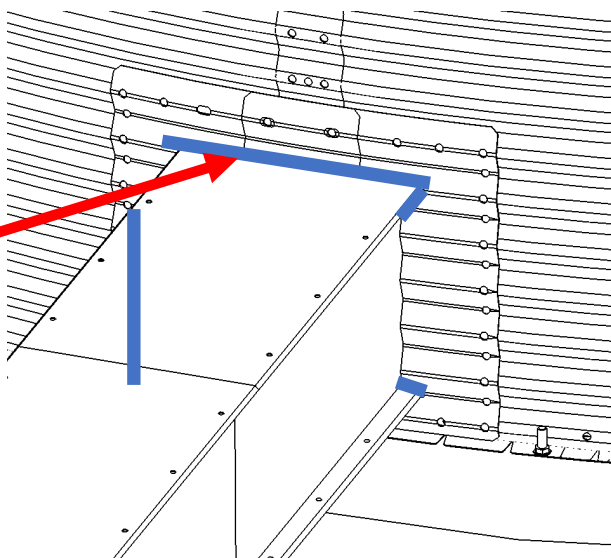
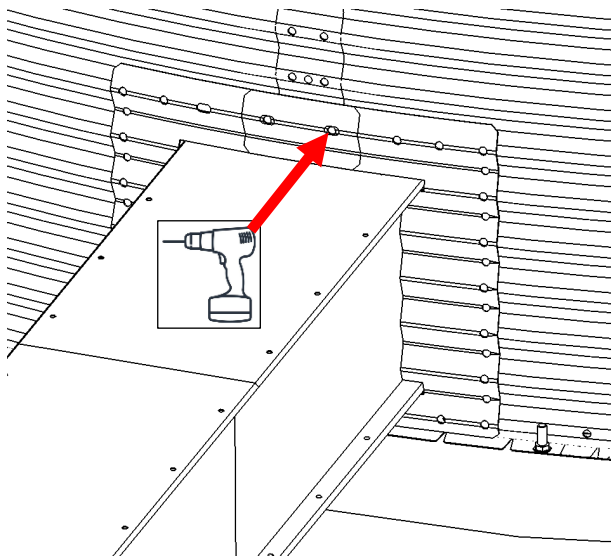
HJK56048 KTBU/KTFb

HJK56051 Blanko



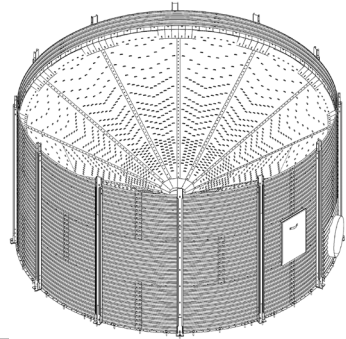


M10x30



TOIMITUSSISÄLTÖ – DELIVERY CONTENTS – LEVERANSINNEHÅLL - TARNE SISU

Ø4,8



HJK48000

Part number	QTY		
AR13493	1		
ARPP1015_48	11		
ARPP1030_48	1		
AR15016_48	1		
HJK48005	12		
HJK48010	12		
HJK48014	1		
HJK48015	12		
HJK48016	12		
HJK48019	6		
HJK48020	1		
HJK48040	6		
HJK56011	12		
HJK56012	6		
HJK56013	12		
HJK56017	18		

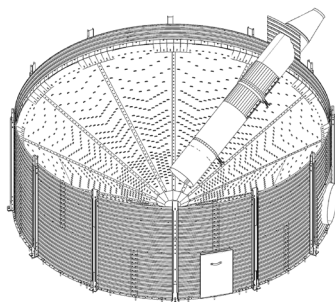
HJK56018	12		
HJK56033	6		
HJK56038	12		
HJK56067	30		
HJK56073	12		
HJK56074	12		
601108	60	Hex Flange Bolt	M10x45
923645	144	Hex Flange Nut	M8
923657	1250	Hex Flange Bolt	M10x30
923711	1826	Hex Flange Nut	M10
923953	516	Lock Bolt	M10x20
923980	144	Lock Bolt	M8x14
960094	72	Anchor Bolt	M12x100

HJK48081

Part number	QTY		
HJK48077	12		
HJK56017	12		
HJK56067	12		
HJK56078	72		
601108	84	Hex flange bolt	M10x45
923657	36	Hex flange bolt	M10x30
923711	36	Hex flange nut	M10
960094	12	Anchor bolt	M12x100



Ø4,8



HJK48001

Part number	QTY		
300872	4		
311052	2		
311053	4		
311066	2		
311087	1		
311252	1		
AR13493	1		
ARPP1015_48	5		
ARPP1030_48	1		
AR15016_48	1		
HJK48005	12		
HJK48010	12		
HJK48014	1		
HJK48015	12		
HJK48016	12		
HJK48019	6		
HJK48024	1		
HJK48040	6		
HJK56013	12		
HJK56017	18		
HJK56018	12		

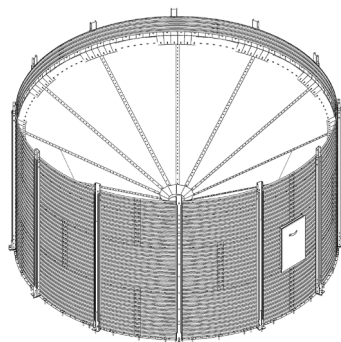
HJK56022	12		
HJK56023	6		
HJK56033	6		
HJK56039	12		
HJK56067	30		
HJK56073	12		
HJK56074	12		
HJK56076	2		
601108	60	Flange Bolt	M10x45
923645	144	Hex Flange Nut	M8
923657	1074	Hex Flange Bolt	M10x30
923711	1640	Hex Flange Nut	M10
923953	516	Lock Bolt	M10x20
923980	144	Lock Bolt	M8x14
960094	66	Anchor bolt	M12x100

HJK48082

Part number	QTY		
HJK48083	12		
HJK56017	12		
HJK56067	12		
HJK56078	36		
601108	48	Hex flange bolt	M10x45
923657	36	Hex flange bolt	M10x30
923711	36	Hex flange nut	M10
960094	12	Anchor bolt	M12x100



Ø4,8



HJK48002

Part number	QTY		
AR13493	1		
ARPP1015_48	11		
ARPP1030_48	1		
HJK48007	12		
HJK48010	12		
HJK48014	1		
HJK48015	12		
HJK48016	12		
HJK48019	6		
HJK48020	1		
HJK48040	6		
HJK56011	12		
HJK56012	6		
HJK56013	12		
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HJK56018	12		
HJK56033	6		
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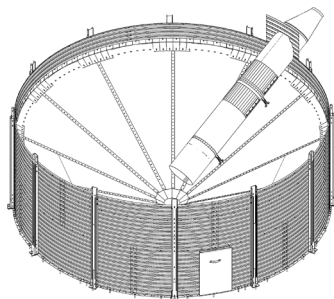
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601108	60	Hex flange bolt	M10x45
914506	144	Lock bolt	M8x20
923645	144	Hex flange nut	M8
923657	1218	Hex flange bolt	M10x30
923711	1794	Hex flange nut	M10
923953	516	Lock bolt	M10x20
960094	72	Anchor bolt	M12x100

HJK48081

Part number	QTY		
HJK48077	12		
HJK56017	12		
HJK56067	12		
HJK56078	72		
601108	84	Hex flange bolt	M10x45
923657	36	Hex flange bolt	M10x30
923711	36	Hex flange nut	M10
960094	12	Anchor bolt	M12x100



Ø4,8



HJK48003

Part number	QTY		
300872	4		
311052	2		
311053	4		
311066	2		
311087	1		
311252	1		
AR13493	1		
ARPP1015_48	5		
ARPP1030_48	1		
HJK48007	12		
HJK48010	12		
HJK48014	1		
HJK48015	12		
HJK48016	12		
HJK48019	6		
HJK48024	1		
HJK48040	6		
HJK56013	12		
HJK56017	18		
HJK56018	12		
HJK56022	12		

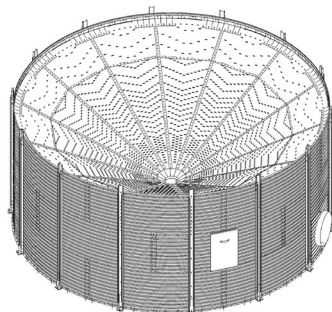
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HJK56033	6		
HJK56039	12		
HJK56067	30		
HJK56068	1		
HJK56073	12		
HJK56074	12		
HJK56076	2		
601108	60	Hex Flange Bolt	M10x45
923645	144	Hex Flange Nut	M8
923657	1042	Hex Flange Bolt	M10x30
923711	1608	Hex Flange Nut	M10
923953	516	Lock Bolt	M10x20
923980	144	Lock Bolt	M8x14
960094	66	Anchor bolt	M12x100

HJK48082

Part number	QTY		
HJK48083	12		
HJK56017	12		
HJK56067	12		
HJK56078	36		
601108	48	Hex flange bolt	M10x45
923657	36	Hex flange bolt	M10x30
923711	36	Hex flange nut	M10
960094	12	Anchor bolt	M12x100



Ø5,6



HJK56000

Part number	QTY		
AR13493	1		
ARPP1015_56	13		
ARPP1030_56	1		
AR15016_56	1		
HJK56005	14		
HJK56010	14		
HJK56011	14		
HJK56012	6		
HJK56013	14		
HJK56014	1		
HJK56015	14		
HJK56016	14		
HJK56017	20		
HJK56018	14		
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HJK56020	1		
HJK56033	6		
HJK56038	14		
HJK56040	7		
HJK56065	14		

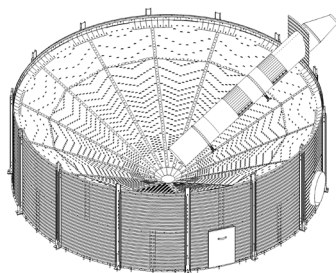
HJK56067	34		
HJK56073	14		
HJK56074	14		
601108	70	Hex flange bolt	M10x45
914506	196	Lock bolt	M8x20
923645	364	Hex flange nut	M8
923657	1446	Hex flange bolt	M10x30
923708	728	Lock bolt	M10x30
923711	2244	Hex flange nut	M10
923980	168	Lock bolt	M8x14
960094	82	Anchor bolt	M12x100

HJK56081

Part number	QTY		
HJK56017	14		
HJK56067	14		
HJK56077	14		
HJK56078	84		
601108	98	Hex flange bolt	M10x45
923657	42	Hex flange bolt	M10x30
923711	42	Hex flange nut	M10
960094	14	Anchor bolt	M12x100



Ø5,6



HJK56001

Part number	QTY		
300872	4		
311052	2		
311053	4		
311066	2		
311087	1		
311252	1		
AR13493	1		
ARPP1015_56	6		
ARPP1030_56	1		
AR15016_56	1		
HJK56005	14		
HJK56010	14		
HJK56013	14		
HJK56014	1		
HJK56015	14		
HJK56016	14		
HJK56017	20		
HJK56018	14		
HJK56019	6		
HJK56022	14		
HJK56023	6		

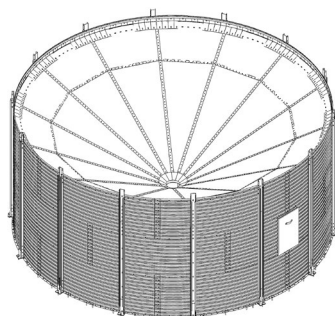
HJK56024	1		
HJK56033	6		
HJK56039	14		
HJK56040	7		
HJK56065	14		
HJK56067	34		
HJK56073	14		
HJK56074	14		
HJK56076	2		
601108	70	Hex flange bolt	M10x45
914506	196	Lock bolt	M8x20
923645	364	Hex flange nut	M8
923657	1961	Hex flange bolt	M10x30
923711	2031	Hex flange nut	M10
923980	168	Lock bolt	M8x14
960094	76	Anchor bolt	M12x100

HJK56082

Part number	QTY		
HJK56017	14		
HJK56067	14		
HJK56078	42		
HJK56083	14		
601108	56	Hex flange bolt	M10x45
923657	42	Hex flange bolt	M10x30
923711	42	Hex flange nut	M10
960094	14	Anchor bolt	M12x100



Ø5,6



HJK56002

Part number	QTY		
AR13493	1		
ARPP1015_56	13		
ARPP1030_56	1		
HJK56007	14		
HJK56010	14		
HJK56011	14		
HJK56012	6		
HJK56013	14		
HJK56014	1		
HJK56015	14		
HJK56016	14		
HJK56017	20		
HJK56018	14		
HJK56019	6		
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HJK56033	6		
HJK56038	14		
HJK56040	7		
HJK56066	14		
HJK56067	34		

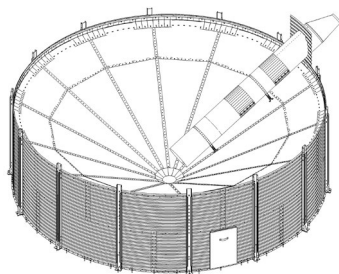
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HJK56074	14		
601108	70	Hex flange bolt	M10x45
914506	196	Lock bolt	M8x20
923645	364	Hex flange nut	M8
923657	1414	Hex flange bolt	M10x30
923708	728	Lock bolt	M10x30
923711	2212	Hex flange nut	M10
923980	168	Lock bolt	M8x14
960094	82	Anchor bolt	M12x100

HJK56081

Part number	QTY		
HJK56017	14		
HJK56067	14		
HJK56077	14		
HJK56078	84		
601108	98	Hex flange bolt	M10x45
923657	42	Hex flange bolt	M10x30
923711	42	Hex flange nut	M10
960094	14	Anchor bolt	M12x100



Ø5,6



HJK56003

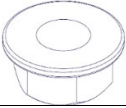
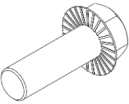
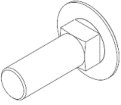
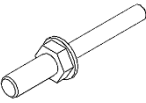
Part number	QTY		
300872	4		
311052	2		
311053	4		
311066	2		
311087	1		
311252	1		
AR13493	1		
ARPP1015_56	6		
ARPP1030_56	1		
HJK56007	14		
HJK56010	14		
HJK56013	14		
HJK56014	1		
HJK56015	14		
HJK56016	14		
HJK56017	20		
HJK56018	14		
HJK56019	6		
HJK56022	14		
HJK56023	6		
HJK56024	1		

HJK56033	6		
HJK56039	14		
HJK56040	7		
HJK56066	14		
HJK56067	34		
HJK56073	14		
HJK56074	14		
HJK56076	2		
601108	70	Hex flange bolt	M10x45
914506	196	Lock bolt	M8x20
923645	364	Hex flange nut	M8
923657	1201	Hex flange bolt	M10x30
923708	728	Lock bolt	M10x30
923711	1999	Hex flange nut	M10
923980	168	Lock bolt	M8x14
960094	76	Anchor bolt	M12x100

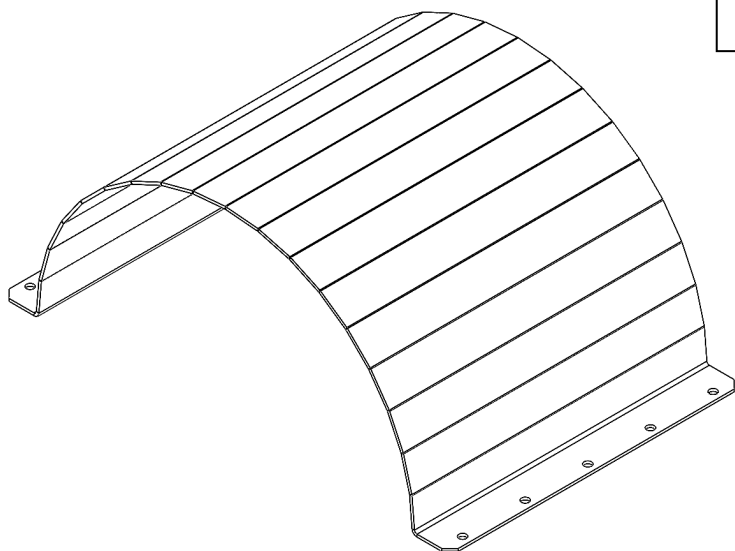
HJK56082

Part number	QTY		
HJK56017	14		
HJK56067	14		
HJK56078	42		
HJK56083	14		
601108	56	Hex flange bolt	M10x45
923657	42	Hex flange bolt	M10x30
923711	42	Hex flange nut	M10
960094	14	Anchor bolt	M12x100

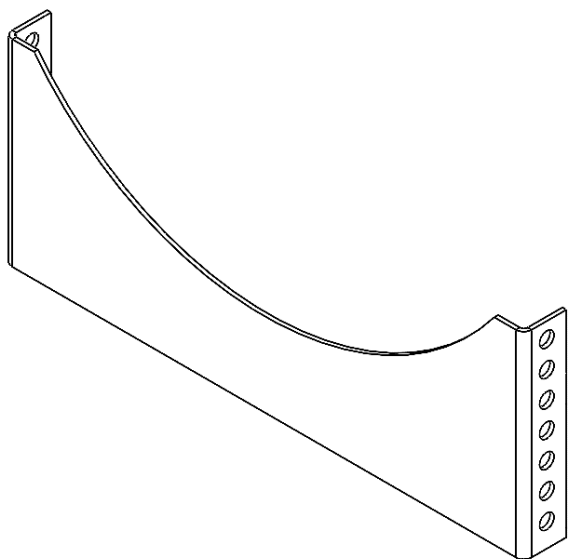


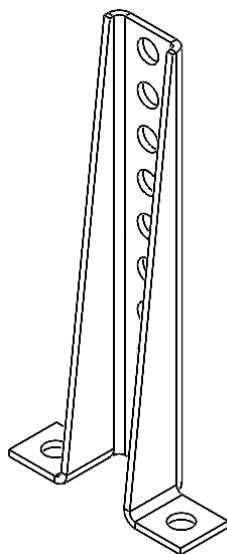
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	Hex flange nut	DIN 6923	M8	923645
			M10	923711
	Lock nut	DIN 985	M10	920026
	Hex flange bolt	DIN 6921	M8x16	
			M10x30	923657
			M10x45	601108
	Lock bolt	DIN 603	M8x14	923980
			M8x20	914506
			M10x20	923953
			M10x30	923708
	Anchor bolt		M12x100	960094
	Sealing compound			600348

300872

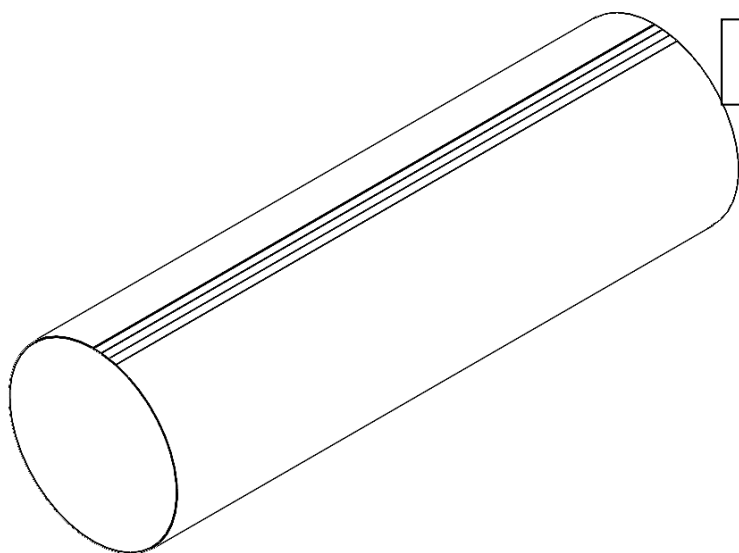


311052



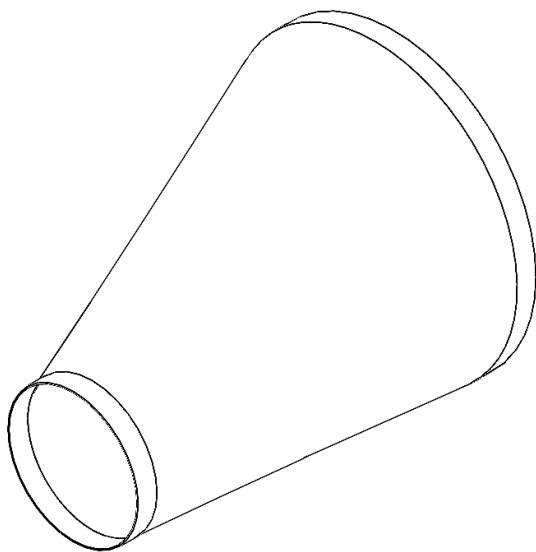


311053

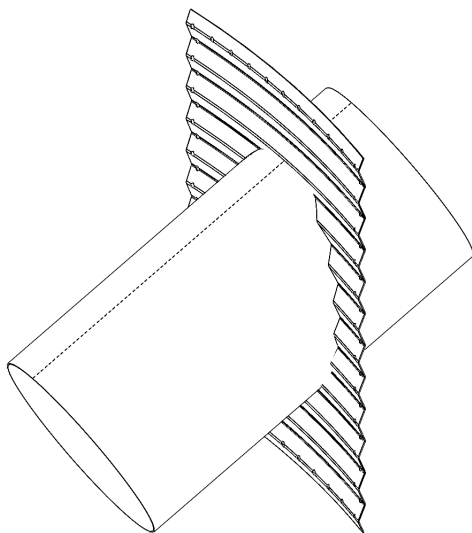


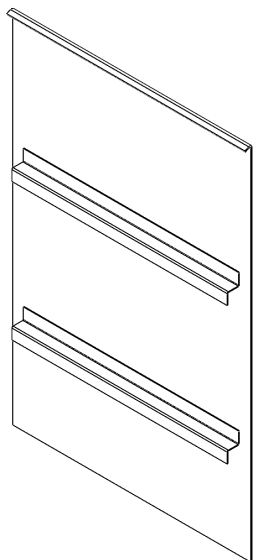
311066

311087

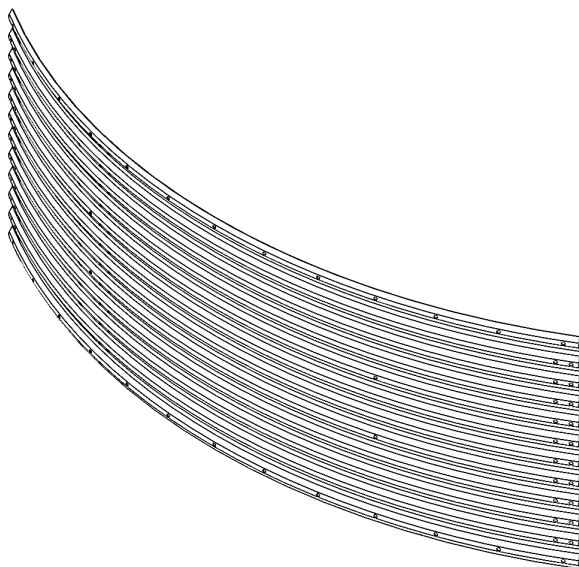


311252

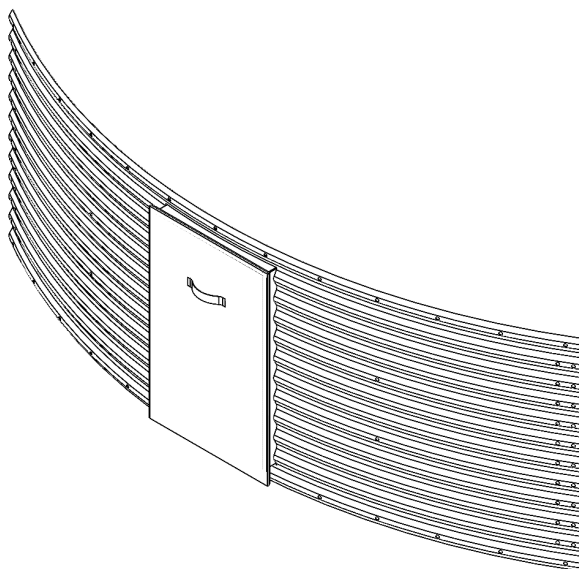




AR13493

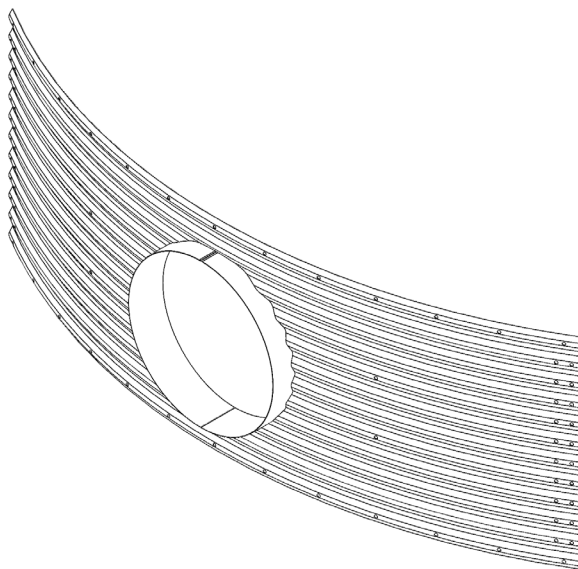


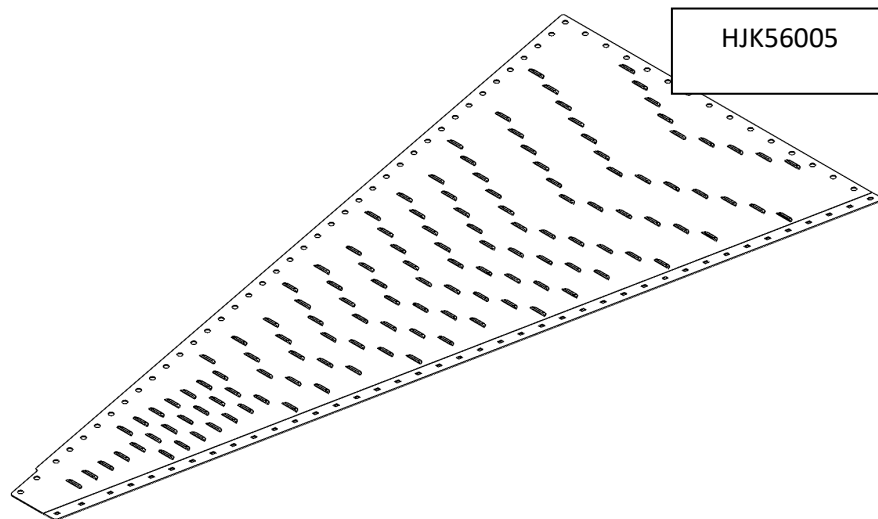
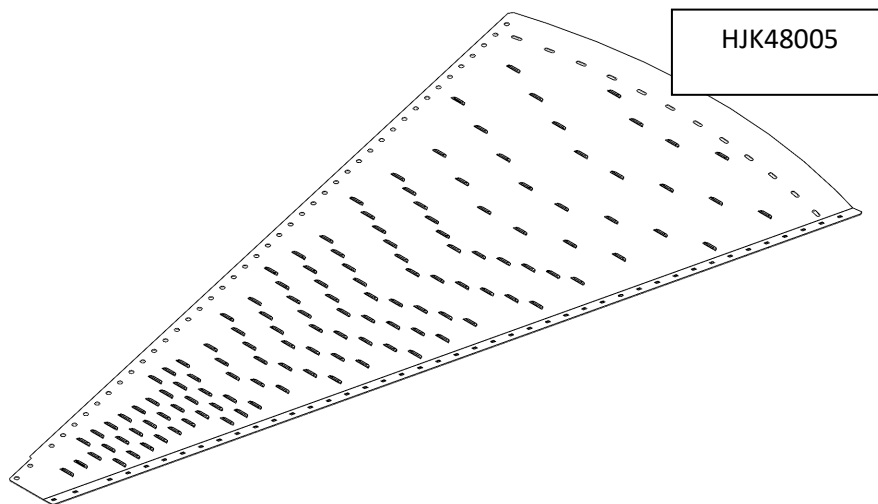
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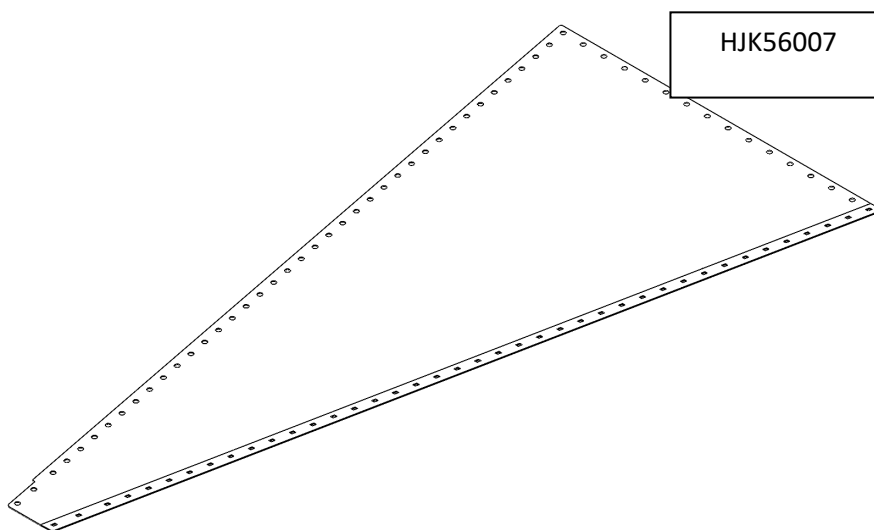
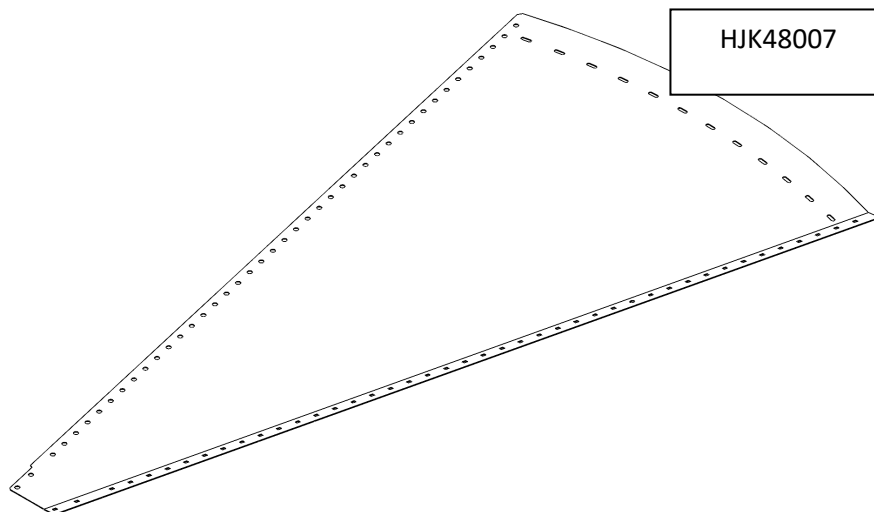


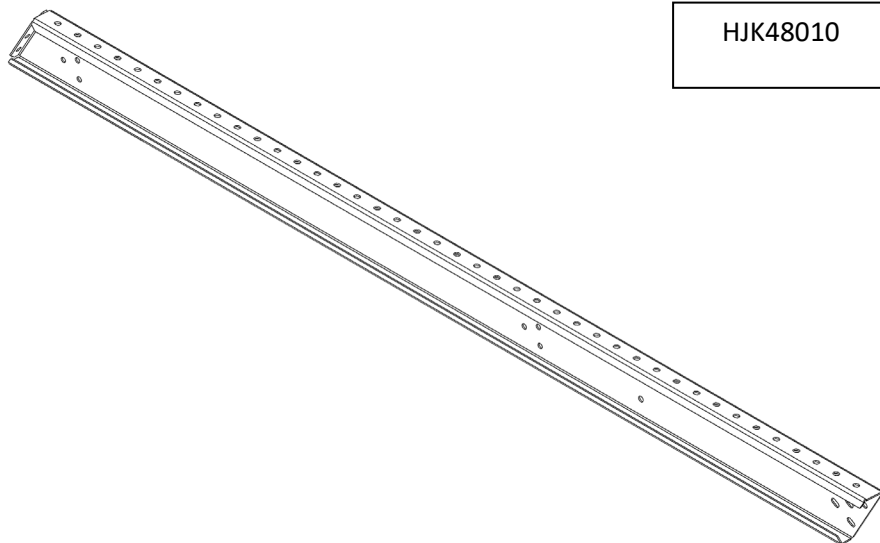
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AR15016

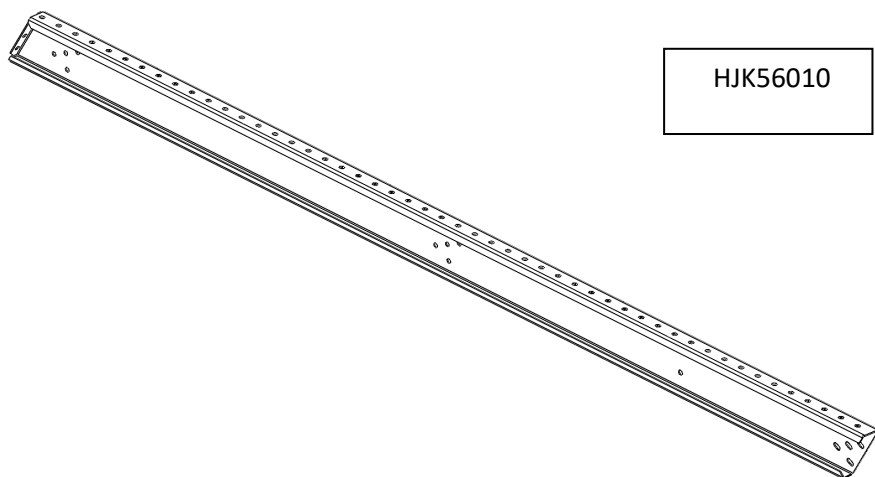






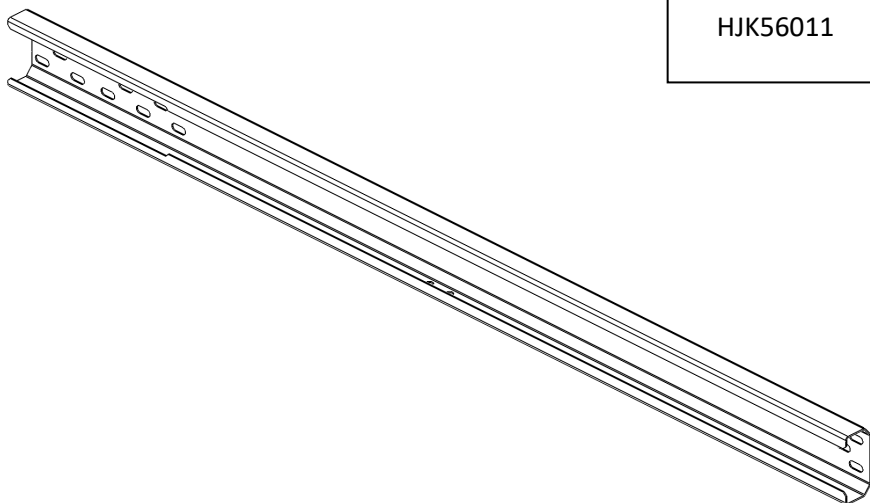


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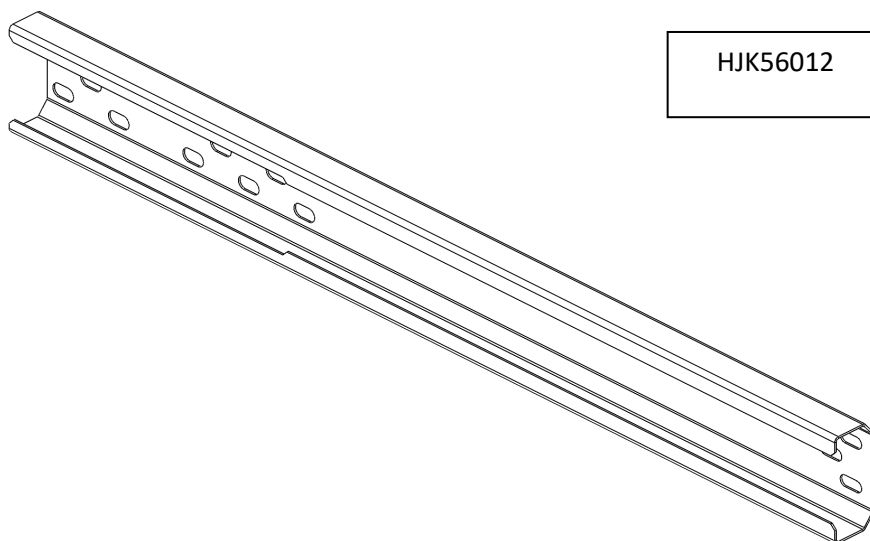


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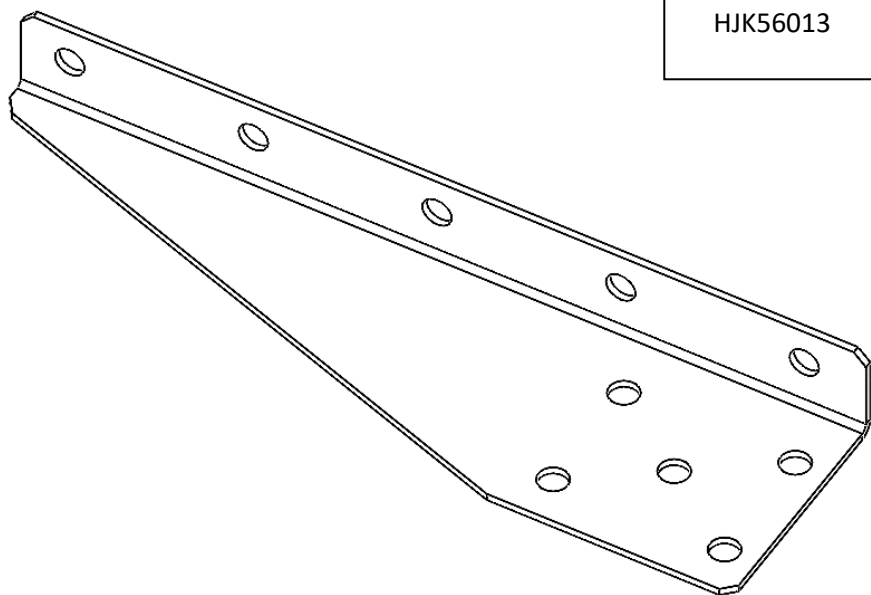
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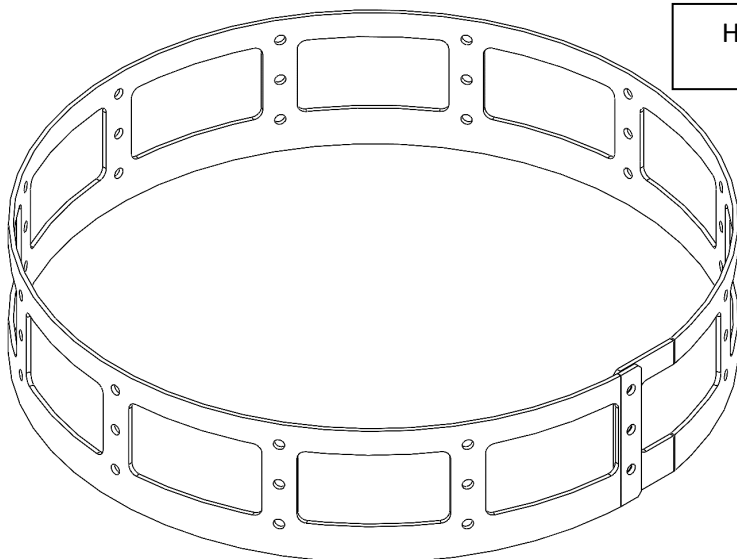
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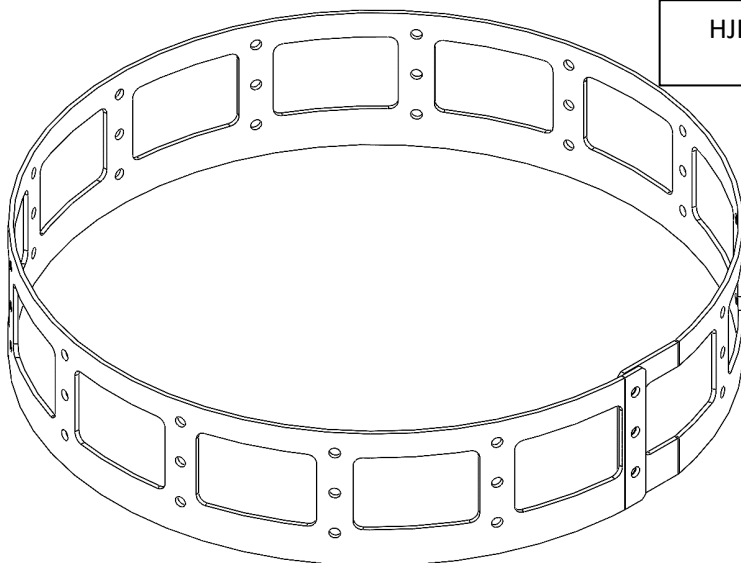
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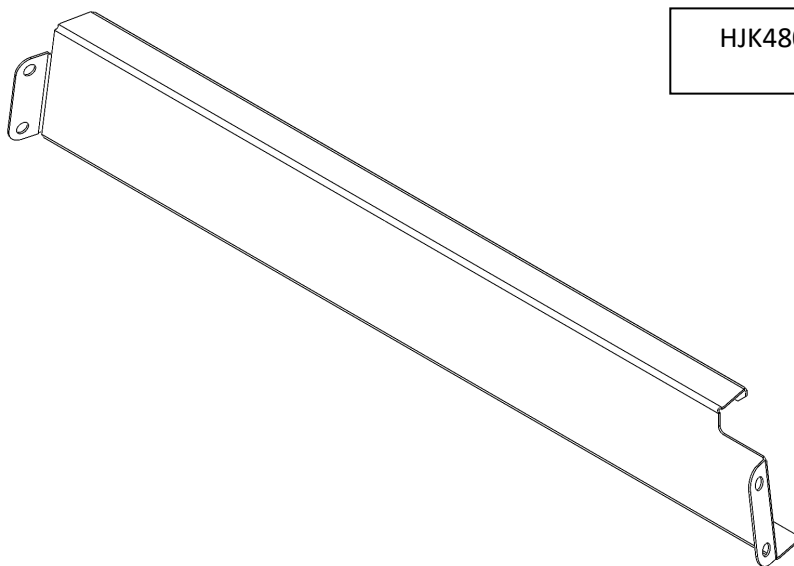


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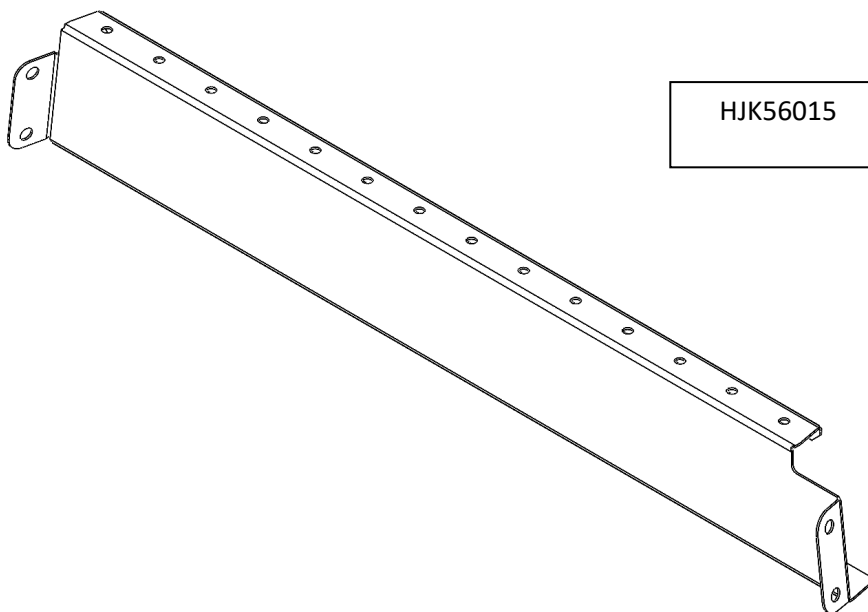


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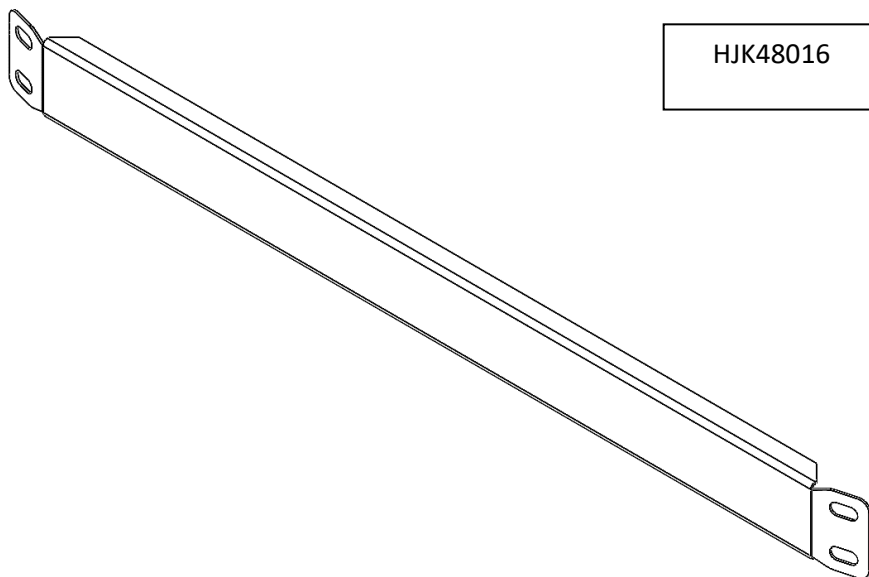




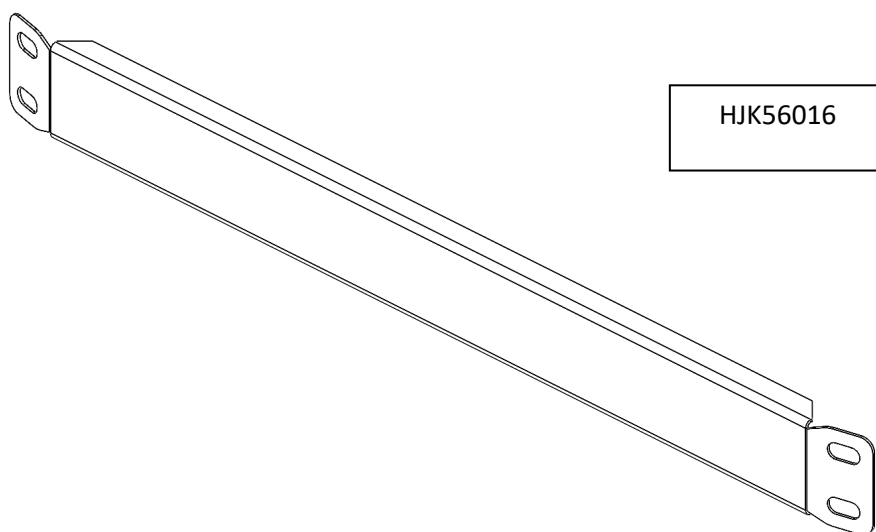
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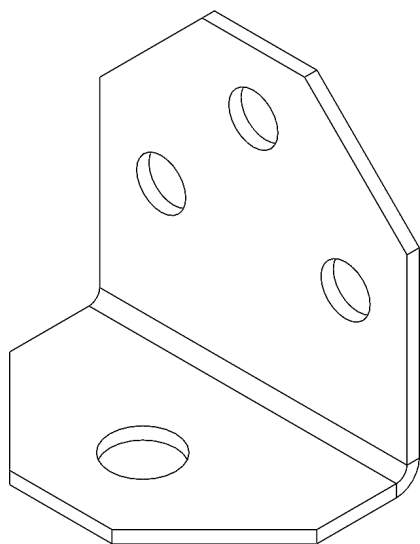
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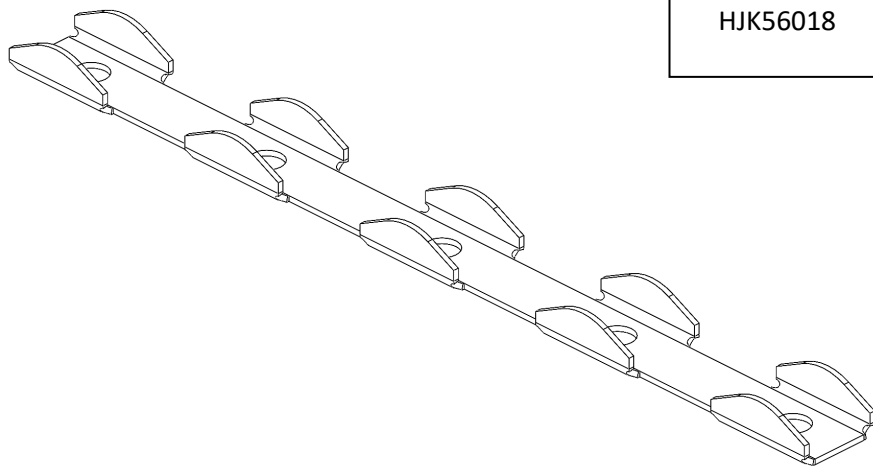
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HJK56016

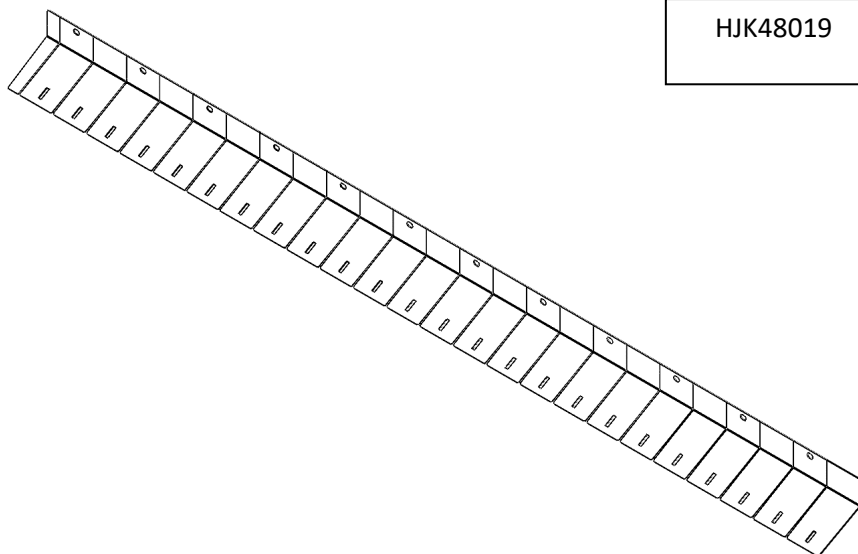


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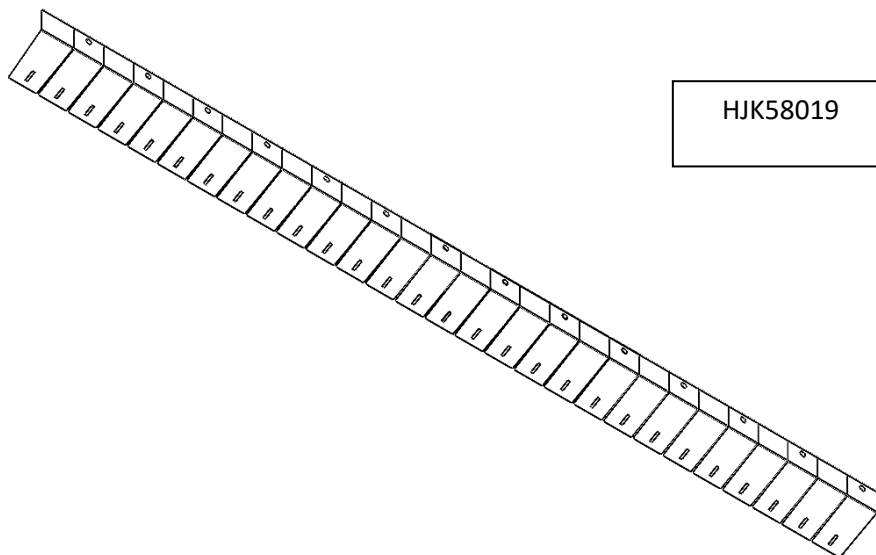


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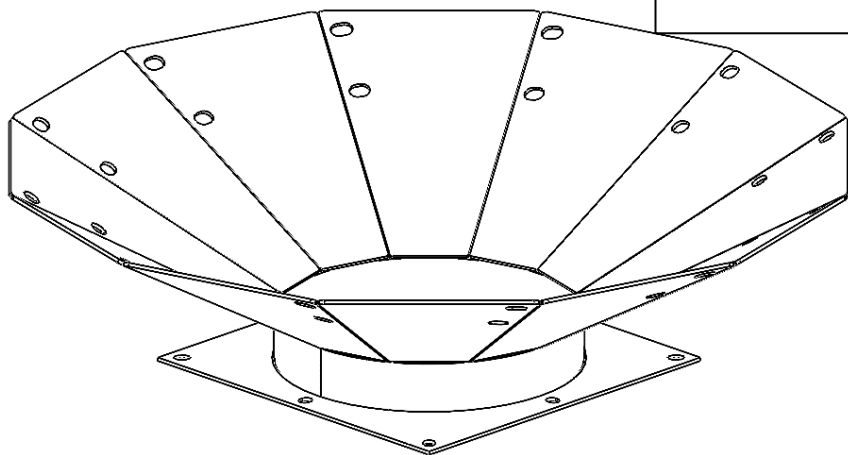
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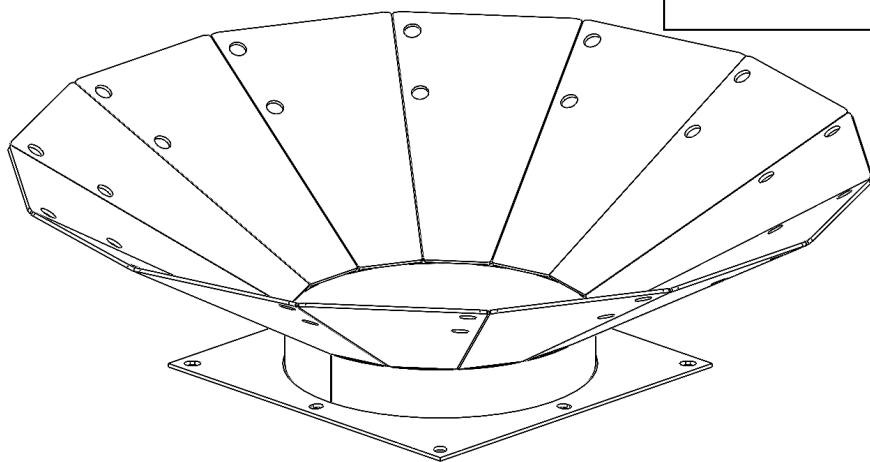
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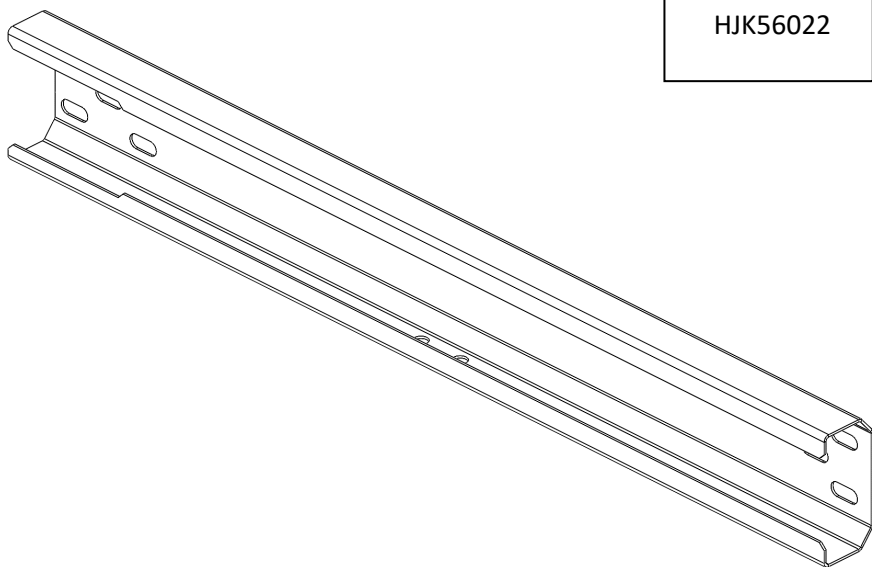
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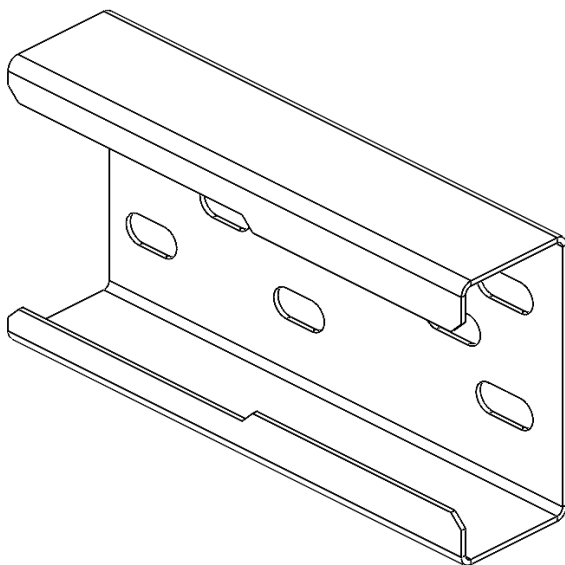
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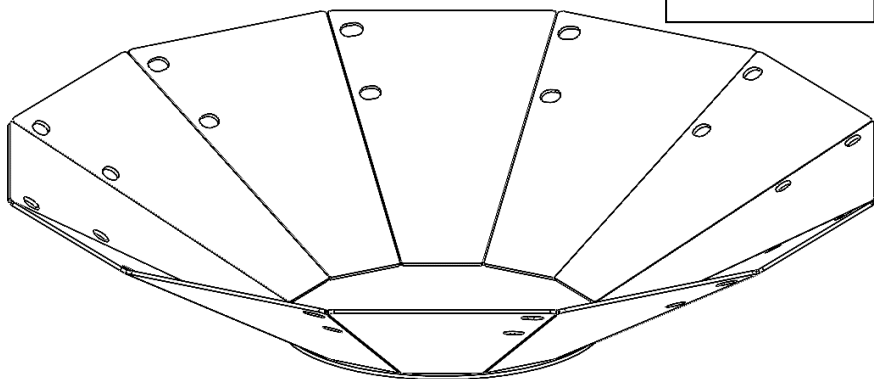
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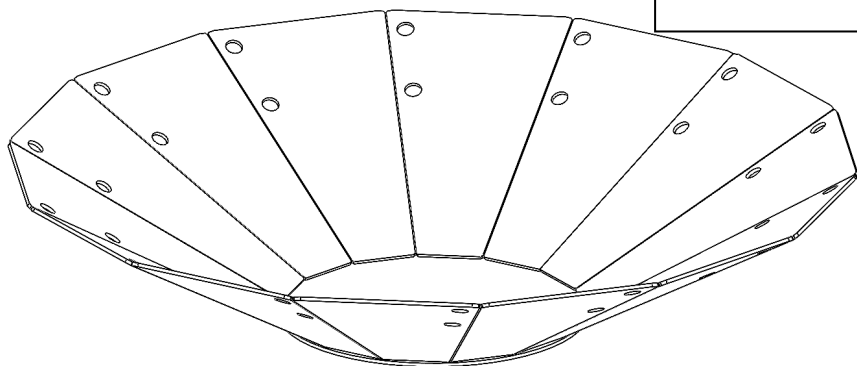
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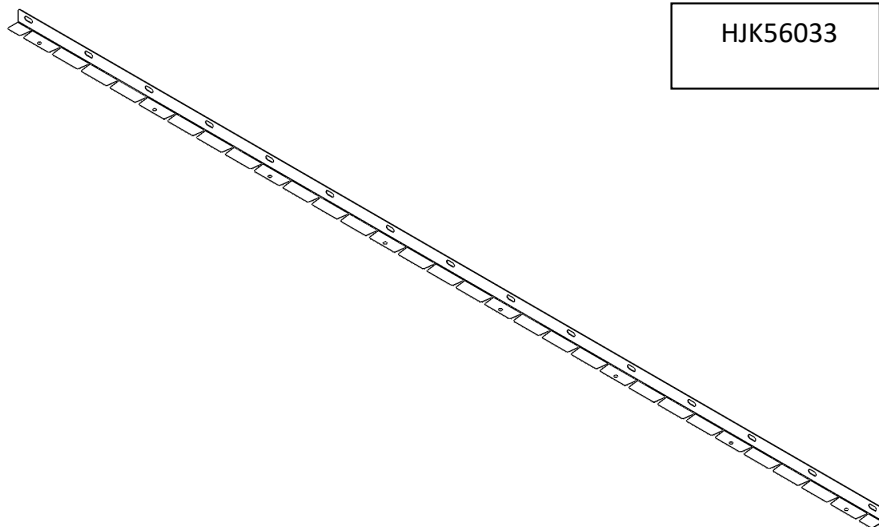
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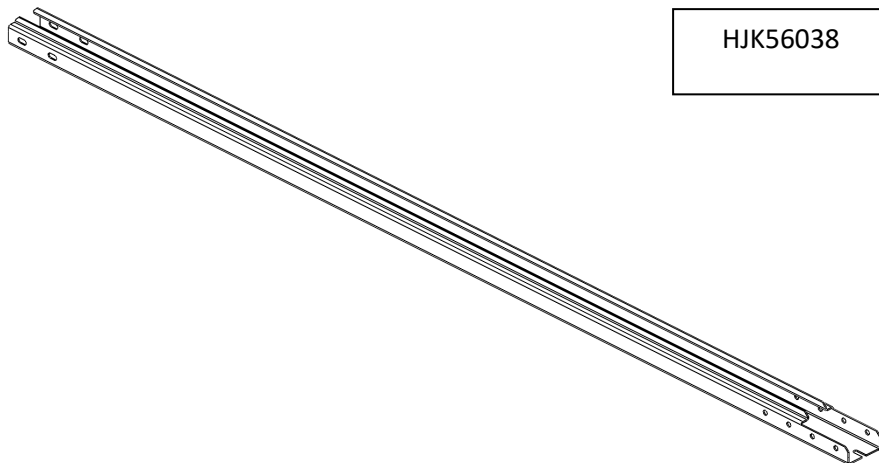


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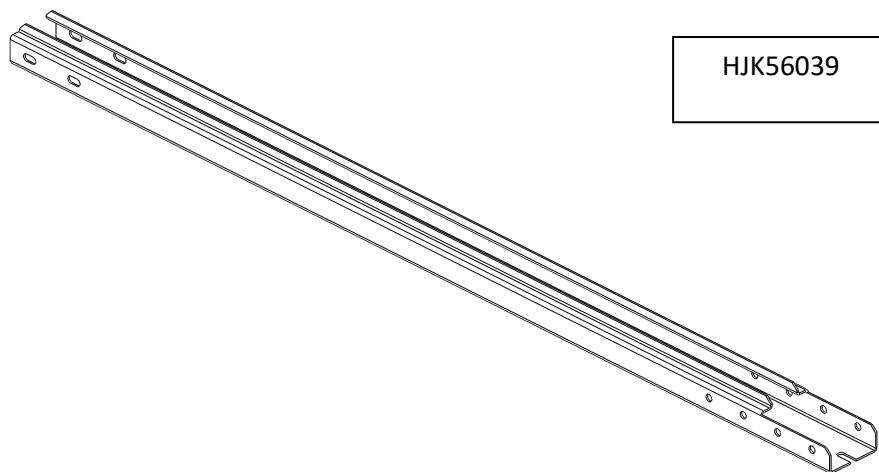


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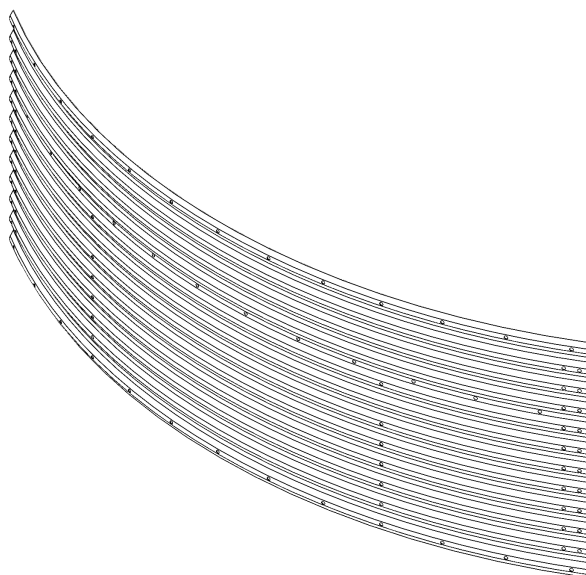




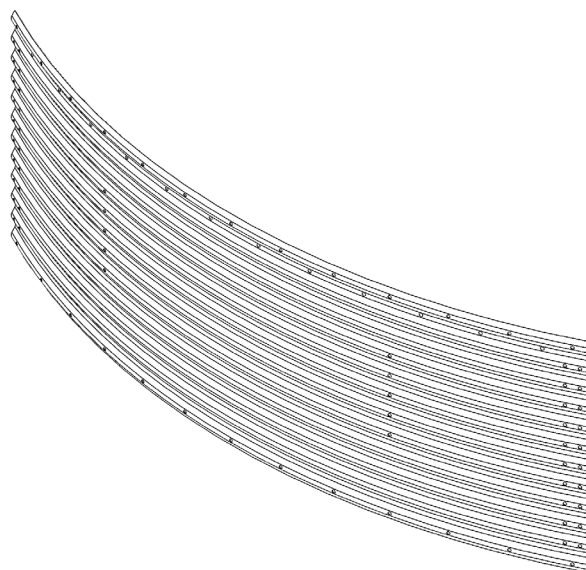
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HJK56039

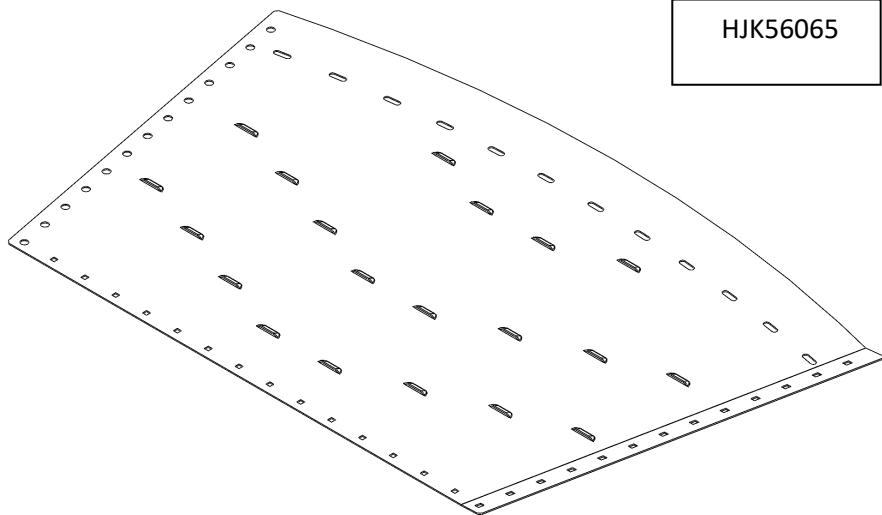


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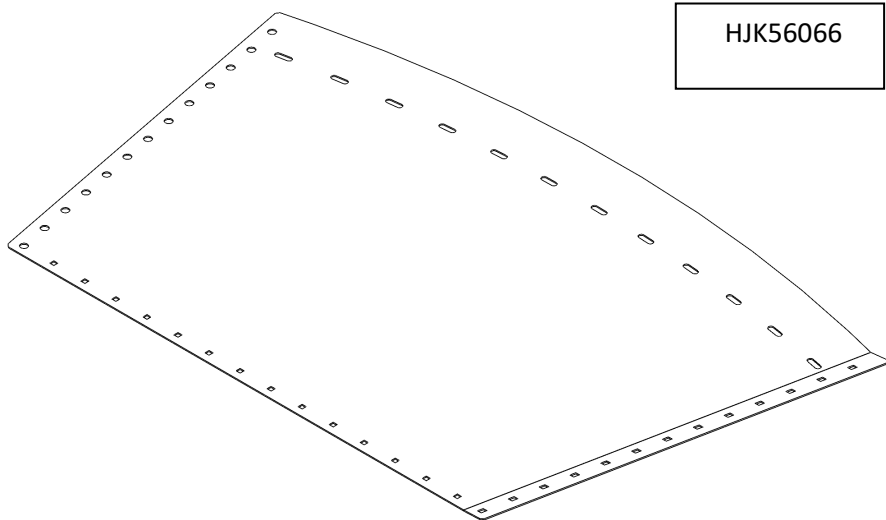


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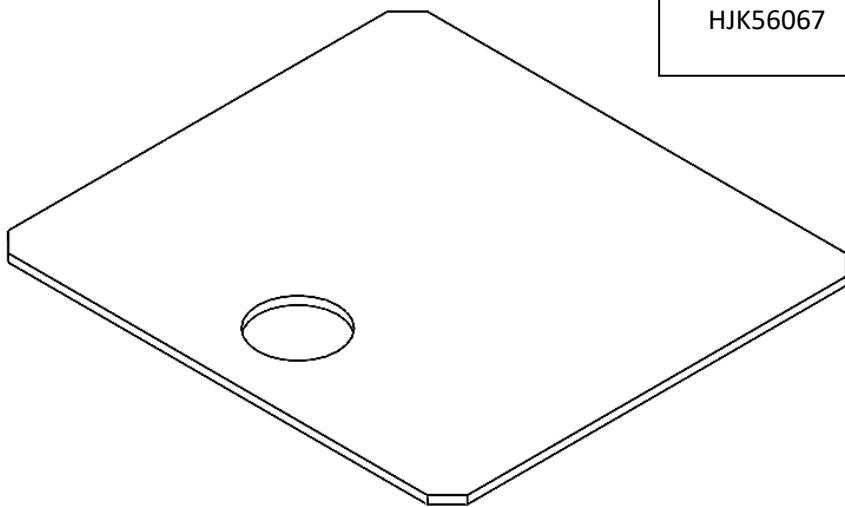
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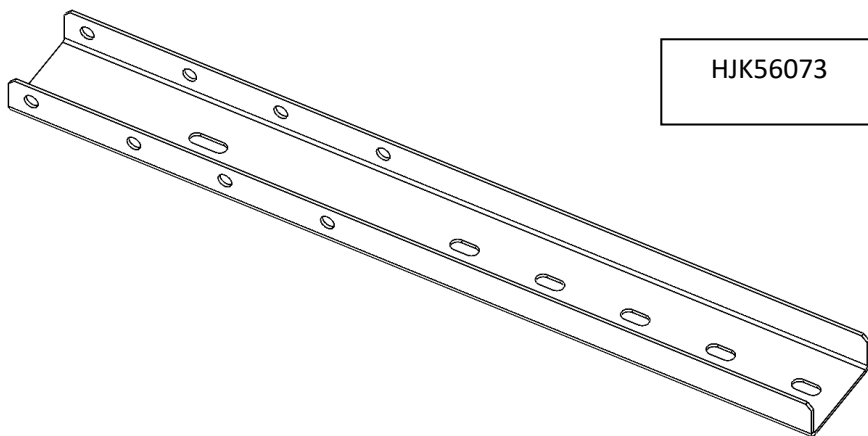
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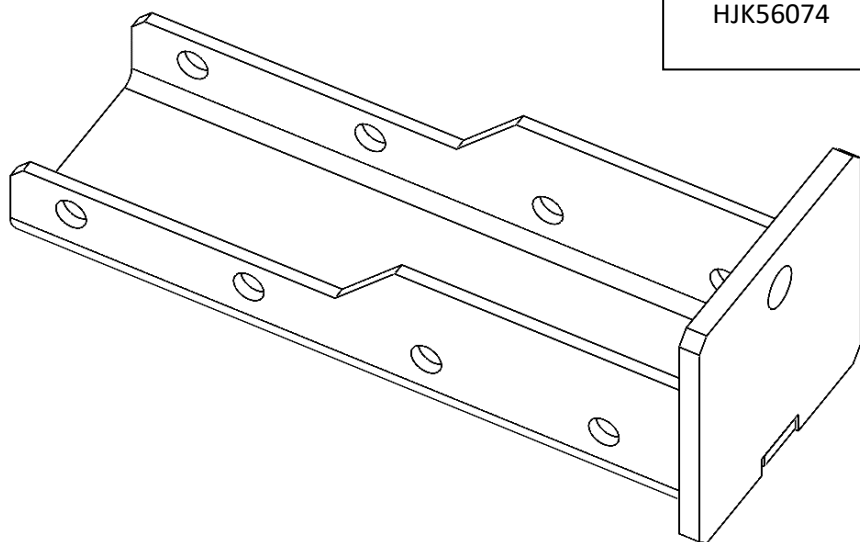
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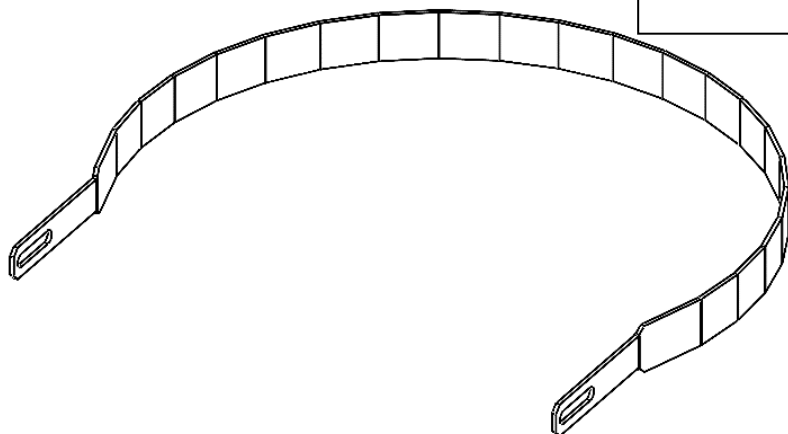
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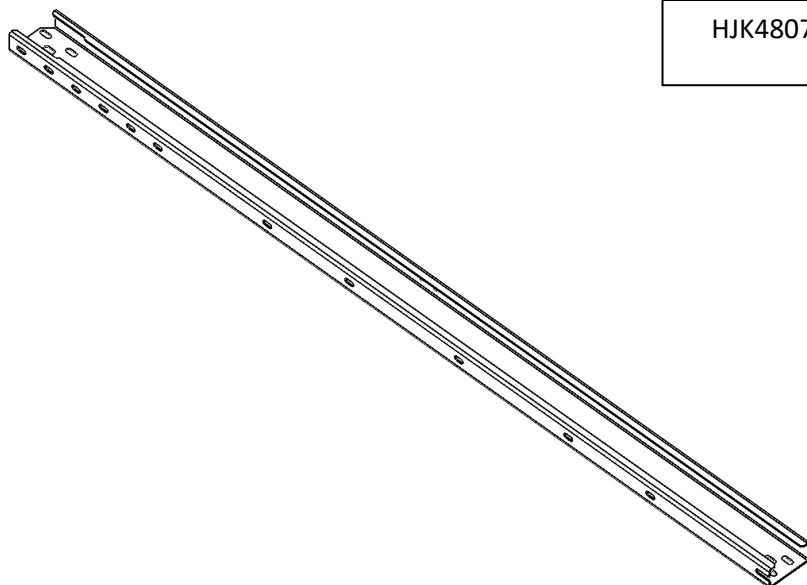
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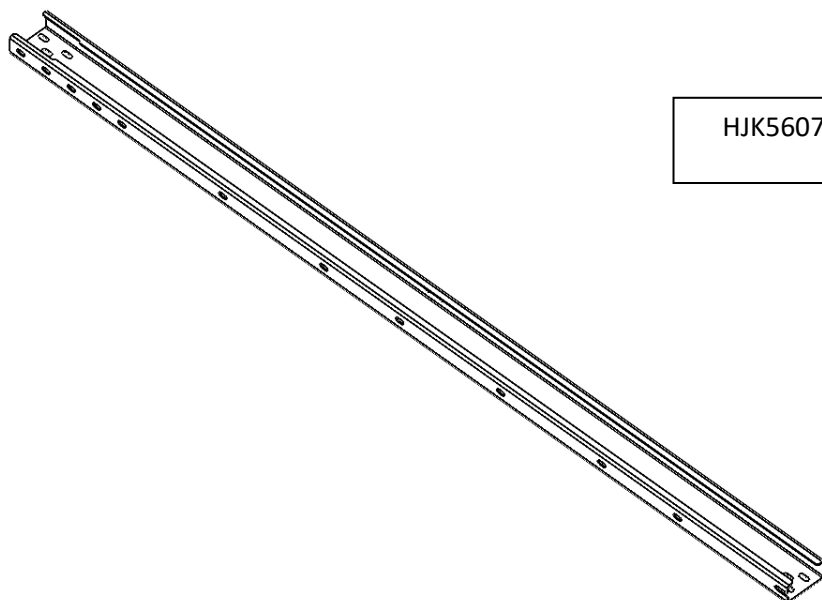
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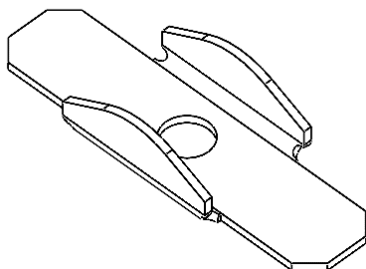


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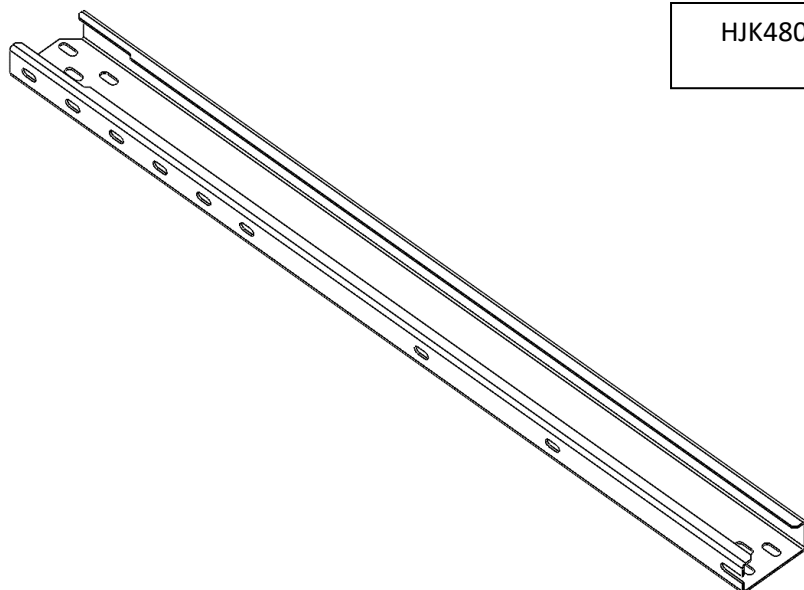


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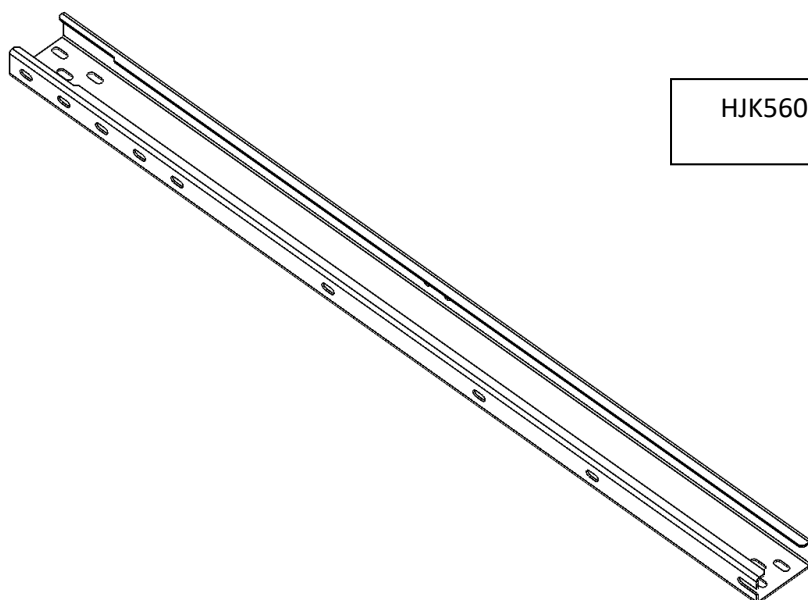




HJK56078



HJK48083



HJK56083



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