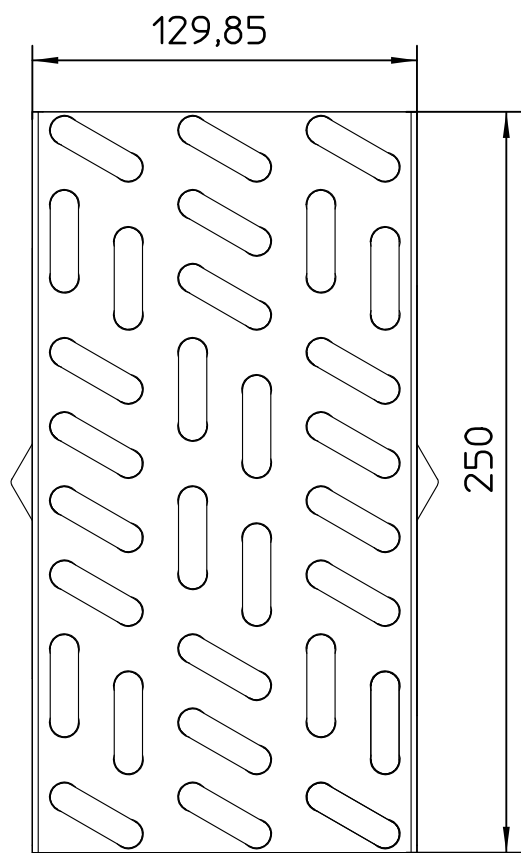
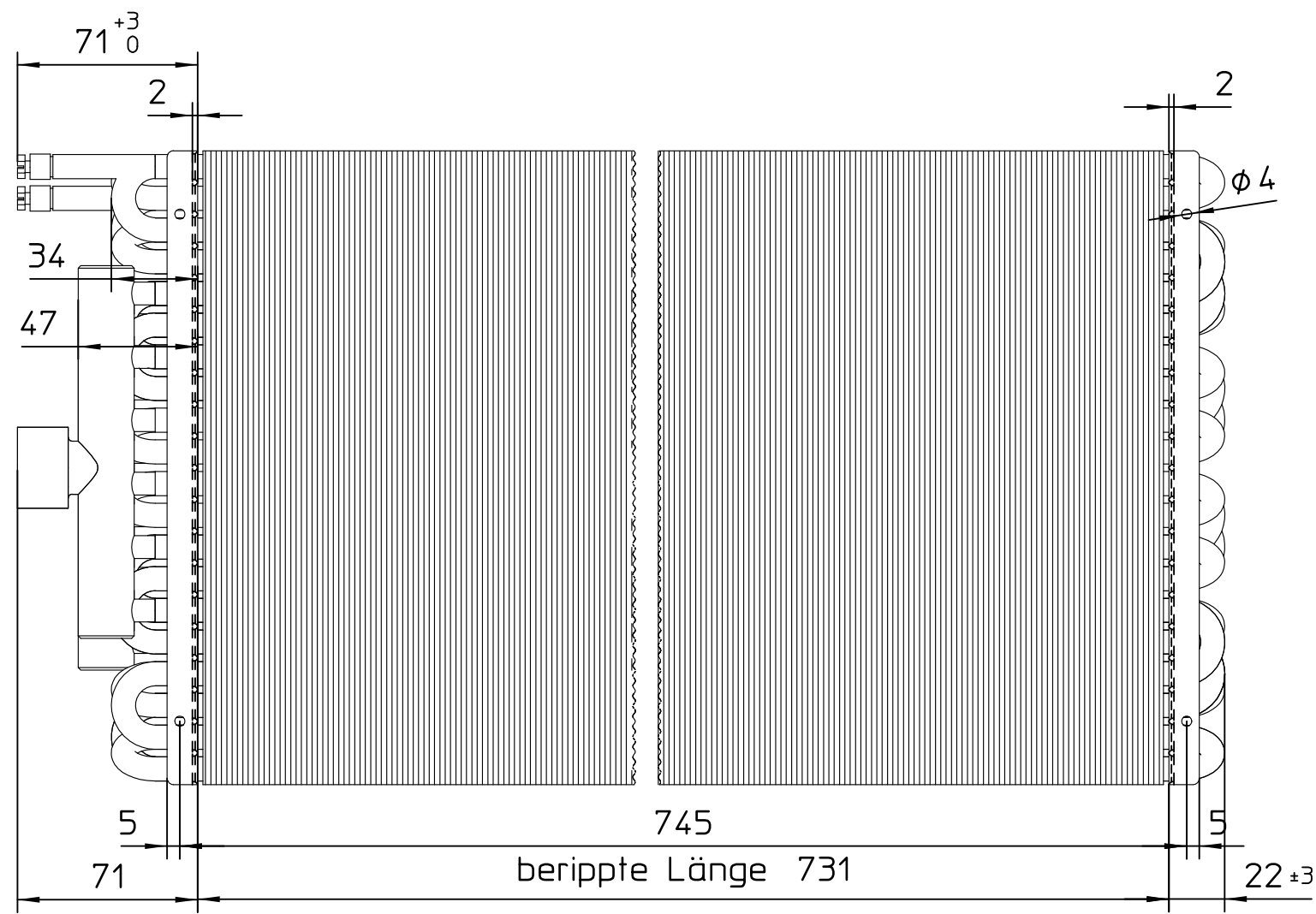


## ITEM OPPORTUNITY SYNOPSIS

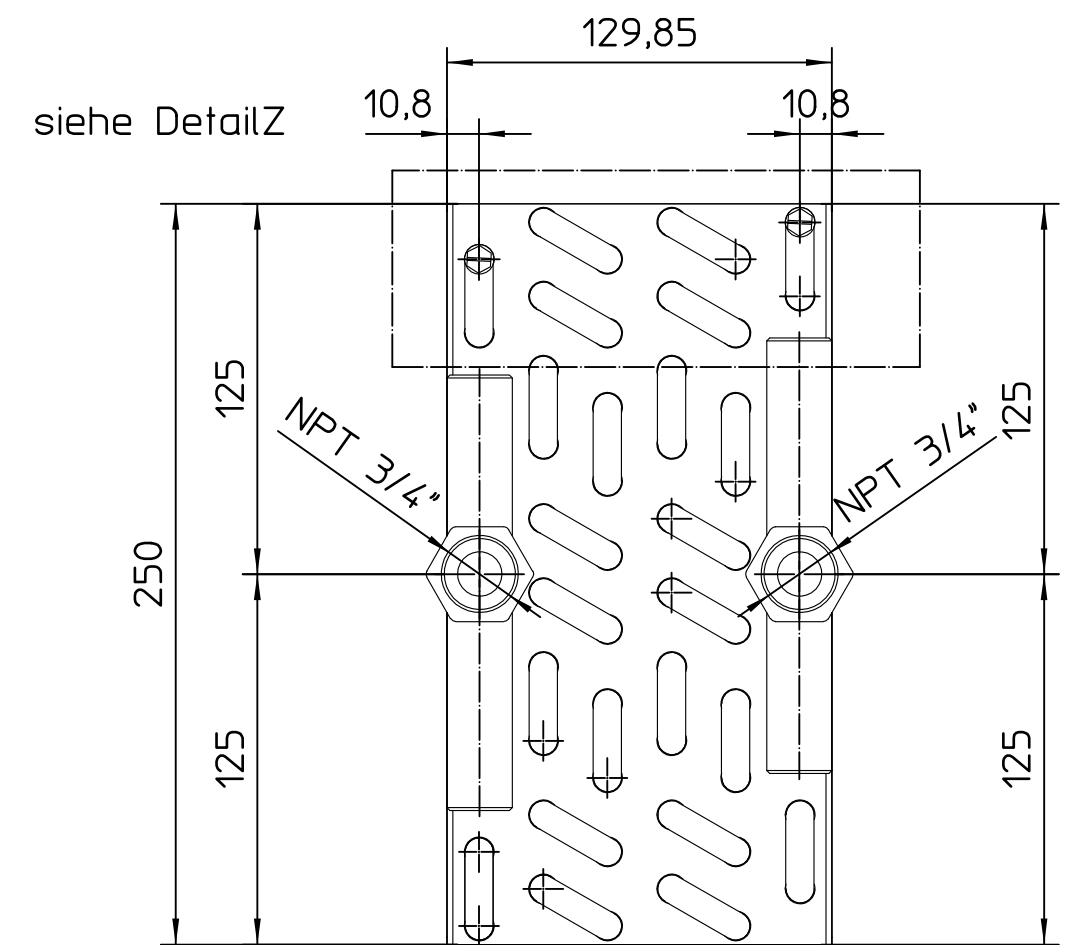
<b>Scouting Number:</b>	2024-029
<b>Name of the item to be scouted:</b>	Coils for Fan Coils
<b>State item to be used in:</b>	South Carolina
<b><u>Describe the Item:</u></b>	
<b>Please describe the item application/the end use of the item.</b>	We are looking for water to air heat exchangers, made of copper tubes and aluminium fins. They are intended to be used in fan coils for residential and commercial appliances.
<b><u>Supplier Information:</u></b>	
<b><u>Type of Supplier Being Sought (select from the list below):</u></b>	
Manufacturer	x
Contract Manufacturer	
Distributor	
Other (Please Specify)	
<b><u>Reason for Scouting Submission (select from the list below)</u></b>	
2nd Supplier	
Price	
Re-Shore	
Past supplier no longer available	
New Product Startup	
BABA	x
Other (Please Specify)	
<b><u>Summary of Technical Specifications and Performance Requirements:</u></b>	
<b>Describe the manufacturing processes (elaborate to provide as much detail as possible)</b>	The heat exchangers consist of soldered copper pipes with hydraulic connections, onto which aluminium fins are pressed.
<b>Provide dimensions / size / tolerances / performance specifications of the item</b>	See attached drawing. An exemplary size would be 820x250x130 mm (32x10x5 in), among many other similar dimensions. Standard fin thickness is 0.1 - 0.15mm. Standard pipe diameter is 8-14 mm. It is possible to used US standard dimensions and components instead of the European standards in the drawing.
<b>List required materials needed to make the product, including materials of product components, if applicable</b>	Copper pipes, copper fittings, brass connectors, aluminium fins
<b>Are there applicable certification requirements?</b>	
Yes	
No	x
Please explain:	
<b>Are there any applicable regulations that apply to the production of this item?</b>	
Yes	
No	x
Please explain:	
<b>Are there any other standards / requirements?</b>	
Yes	
No	x
Please explain:	
<b><u>Additional Comments:</u></b>	
<b>Additional technical comments:</b>	The heat exchangers should work at 145 psi (10 bar) operating pressure / 189 psi (13 bar) test pressure.
<b><u>Volume and Pricing:</u></b>	
<b>Estimated Potential Business Volume (i.e. #units per day, month, year):</b>	Currently about 1500 units per year in 16 different sizes/versions.
<b>Estimated Target Price/Unit Cost Information:</b>	Smallest heat exchangers: \$40/unit; Largest heat exchangers: \$300/unit. Current price for the heat exchanger in the drawing: \$145
<b><u>Delivery Requirements:</u></b>	
<b>When is it needed by? (Immediate, 30 days, 6 months, etc.)</b>	Immediate
<b>Describe packaging requirements (i.e. individually/group packaging, etc.)</b>	Open for discussion
<b>Where will this item be shipped?</b>	Anderson, South Carolina
<b><u>Additional Comments:</u></b>	
<b>Is there other information you would like to include?</b>	



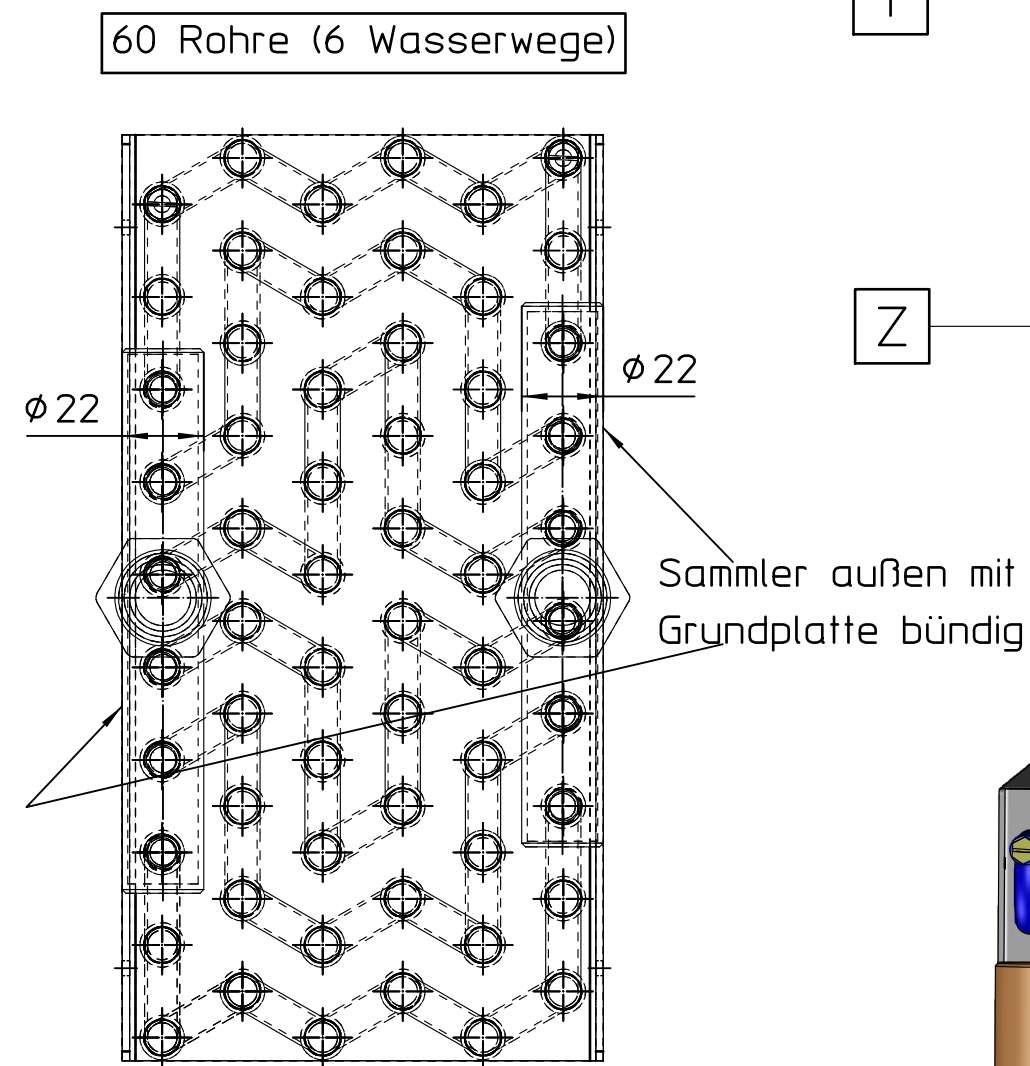
SA rechts 1



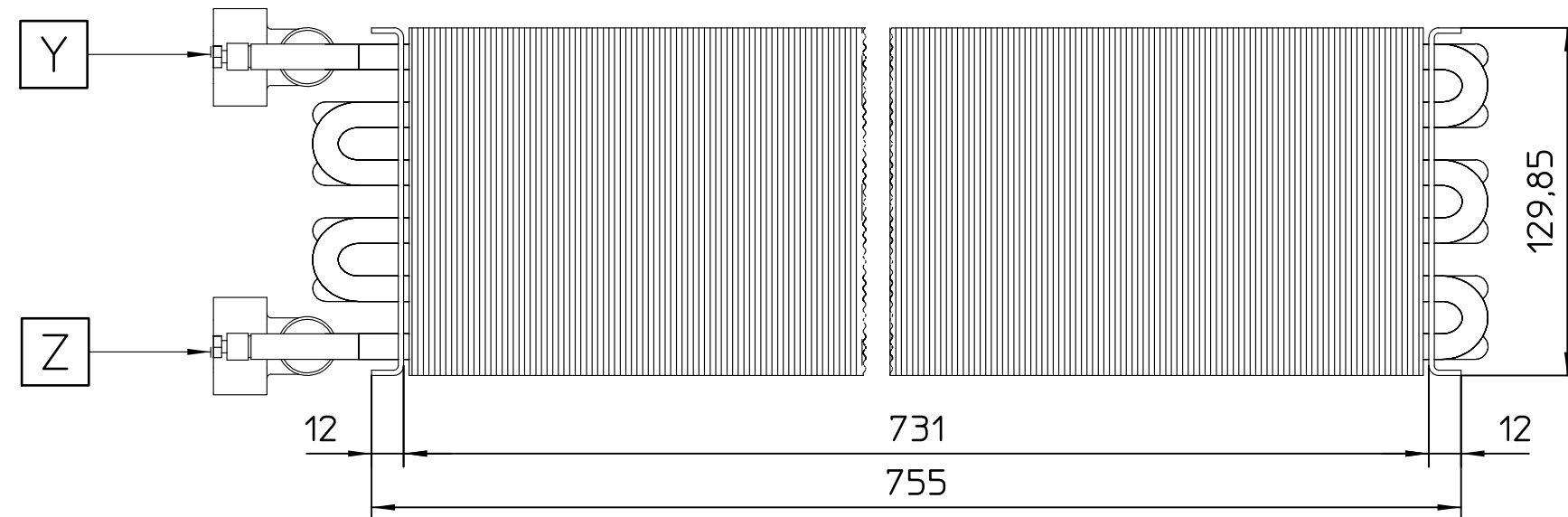
Vorderansicht 1



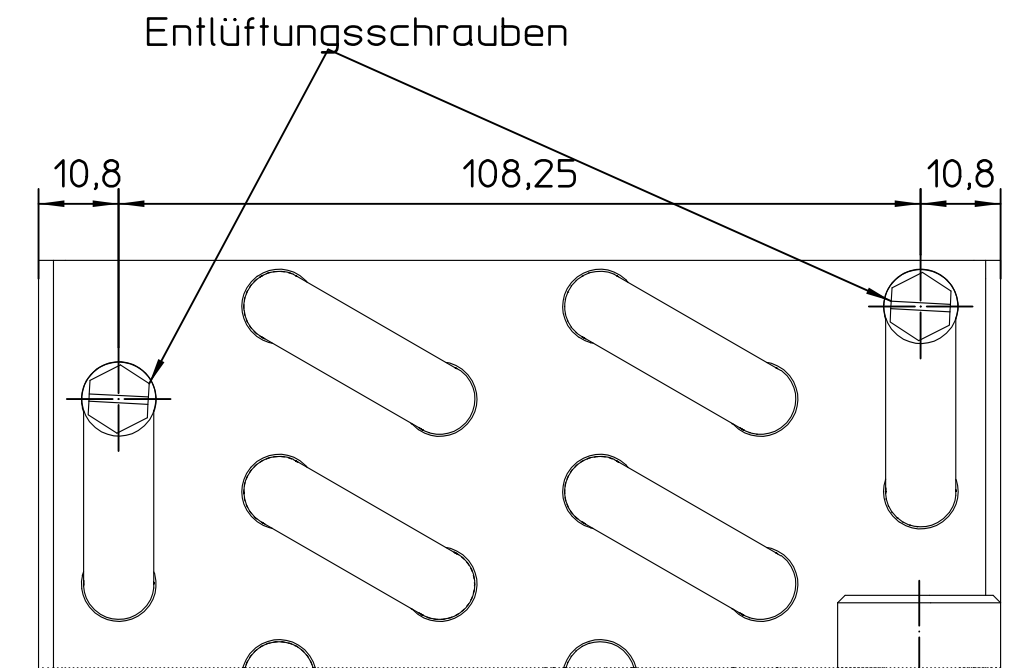
SA links 1



SA links1  
1:2



Draufsicht 1

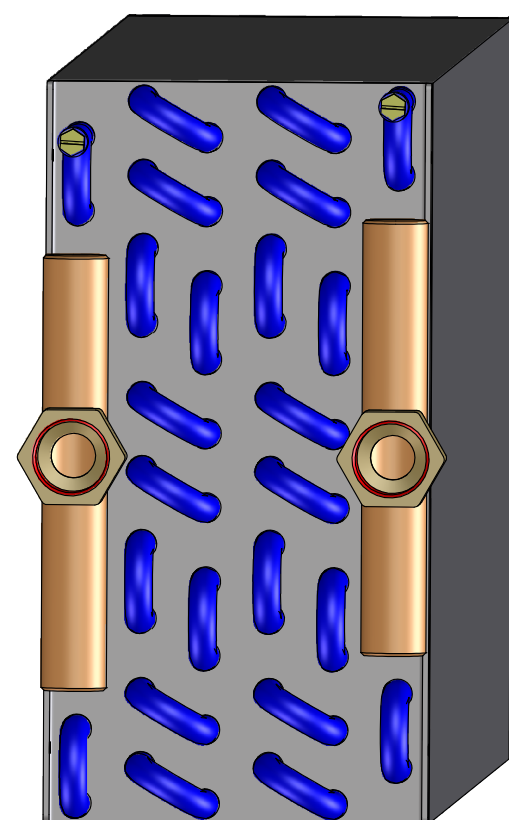


DetailZ  
1:1

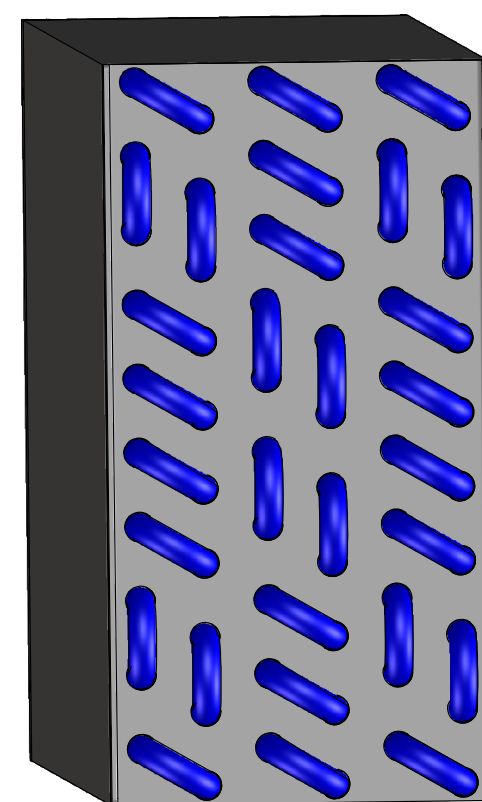
Rohre aus Kupfer: D9,52x0,28  
(nach der Aufweitung D10mm)  
Lamellen aus Aluminium  
Lamellenstärke: 0,15mm  
Lamellenabstand: 2,1mm  
Lamellentyp: 1022  
Grundplatte 2mm aus Aluminium

Betriebsdruck: 16bar  
Prüfdruck: 22bar

Prüfadapter  
Y - SAP 9001522 Füllen  
Z - SAP 9001523 Blind



Allg.Ansicht1



Allg.Ansicht2

Anzahl	Stammteil-Nr.	Index	Änderung	Name	Datum
Stamm-Nr.	Folge-Nr.	1.2	Prüfdruck	jfeldkam	28.06.22
Projekt-Nr.	Erst.	28.06.22	jfeldkam	Format	Art-Gr.
Auftr.-Nr.	Änder.	2	348	SAP-Nr.	CAD-Nr.
STL-Nr.	Gepr.			Werkstoff	Nr.-
	Freig.			M1:2,5	Abm. 0130 x 0250 x 0826
				Zul.Abw.	ISO 2768-m
					Revision
					Konstruk
					Bl.