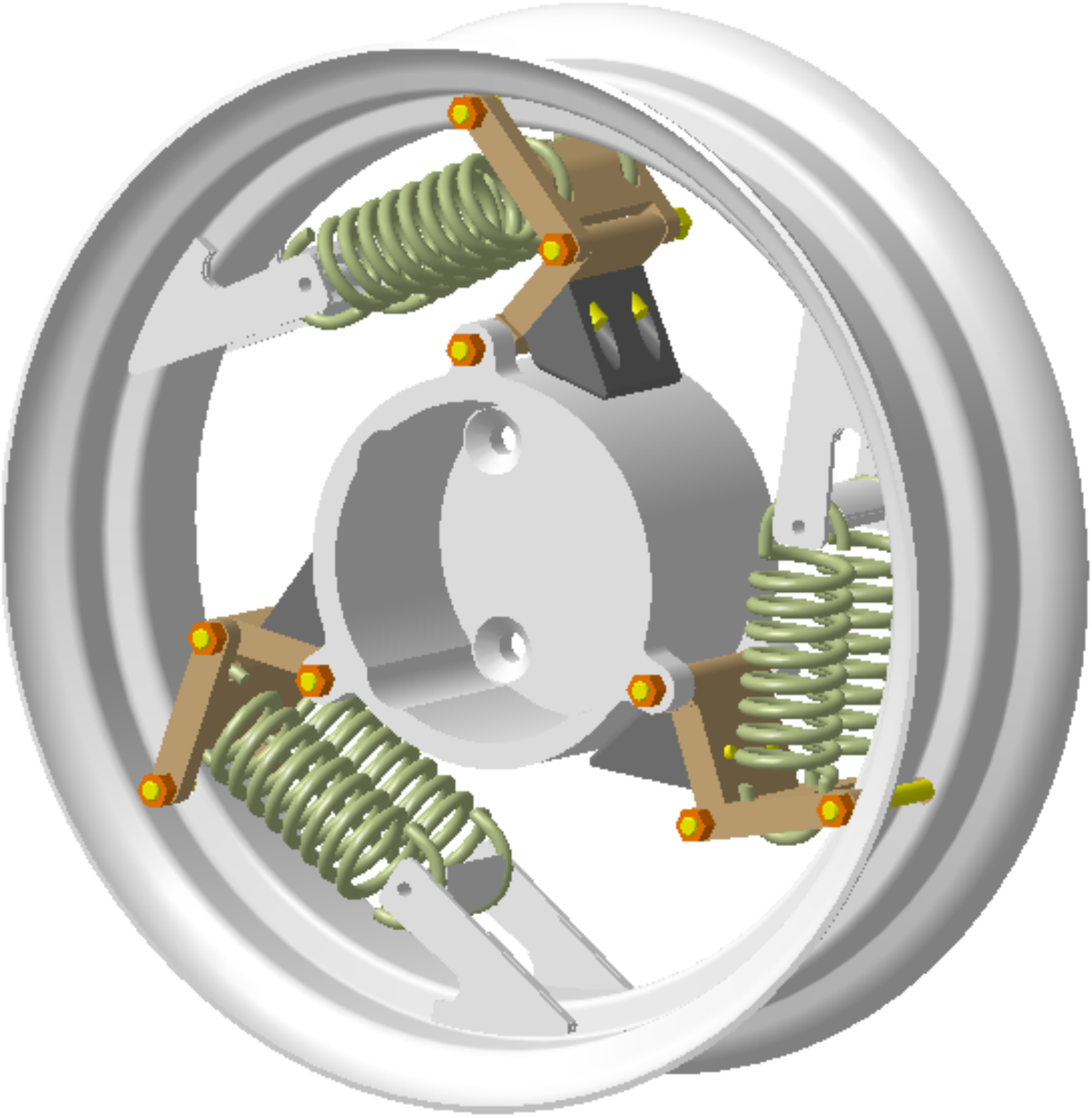
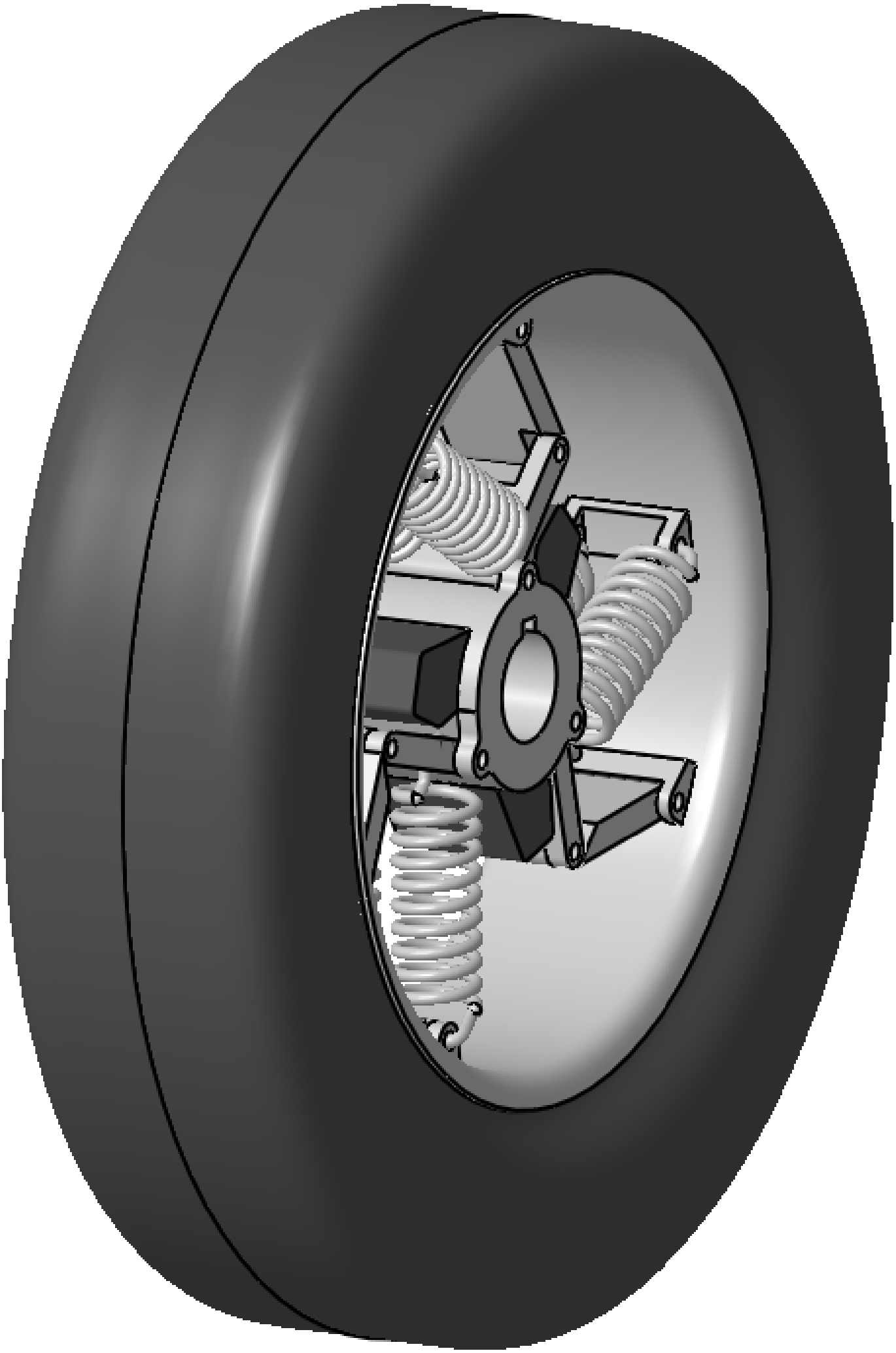
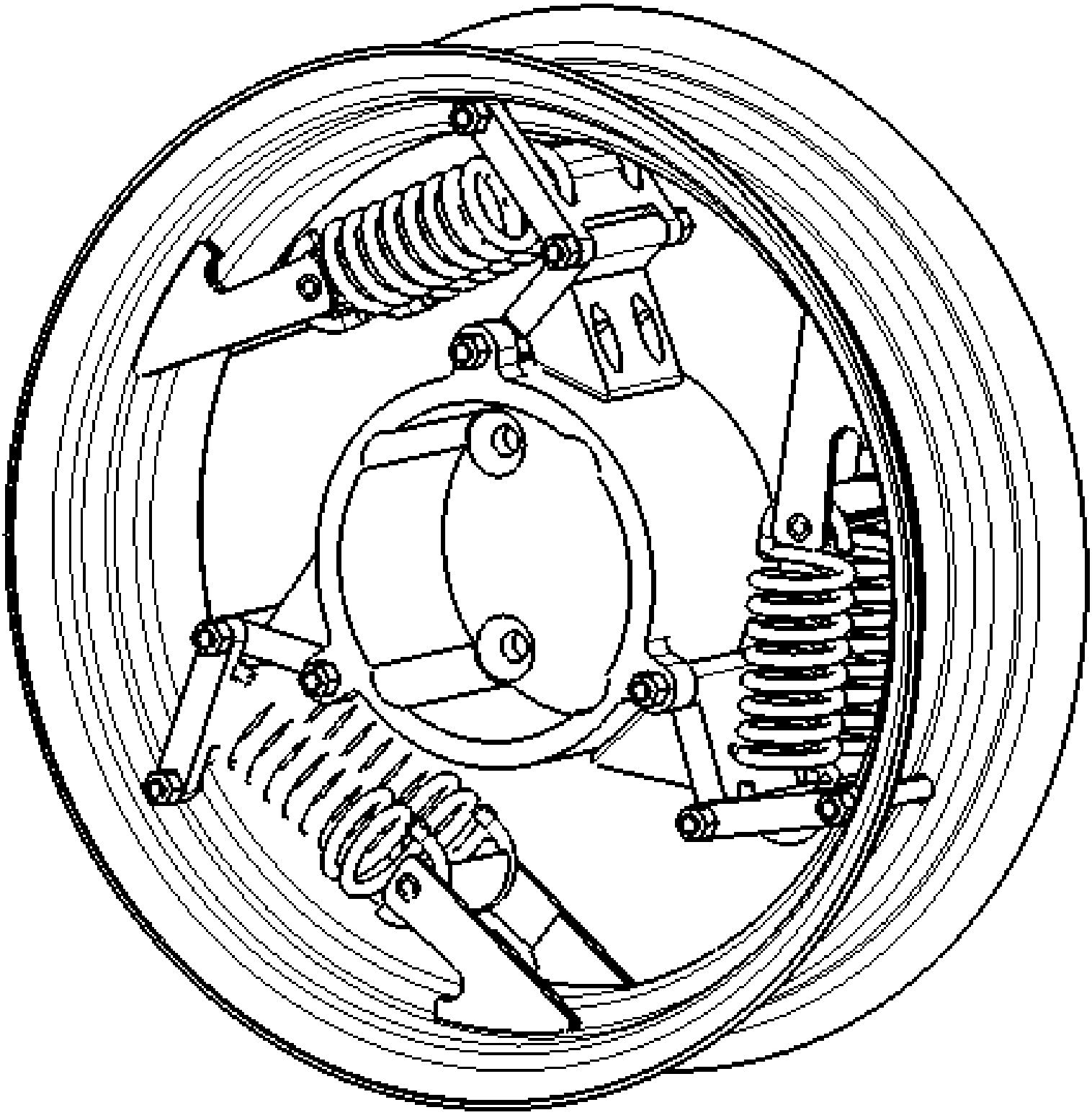
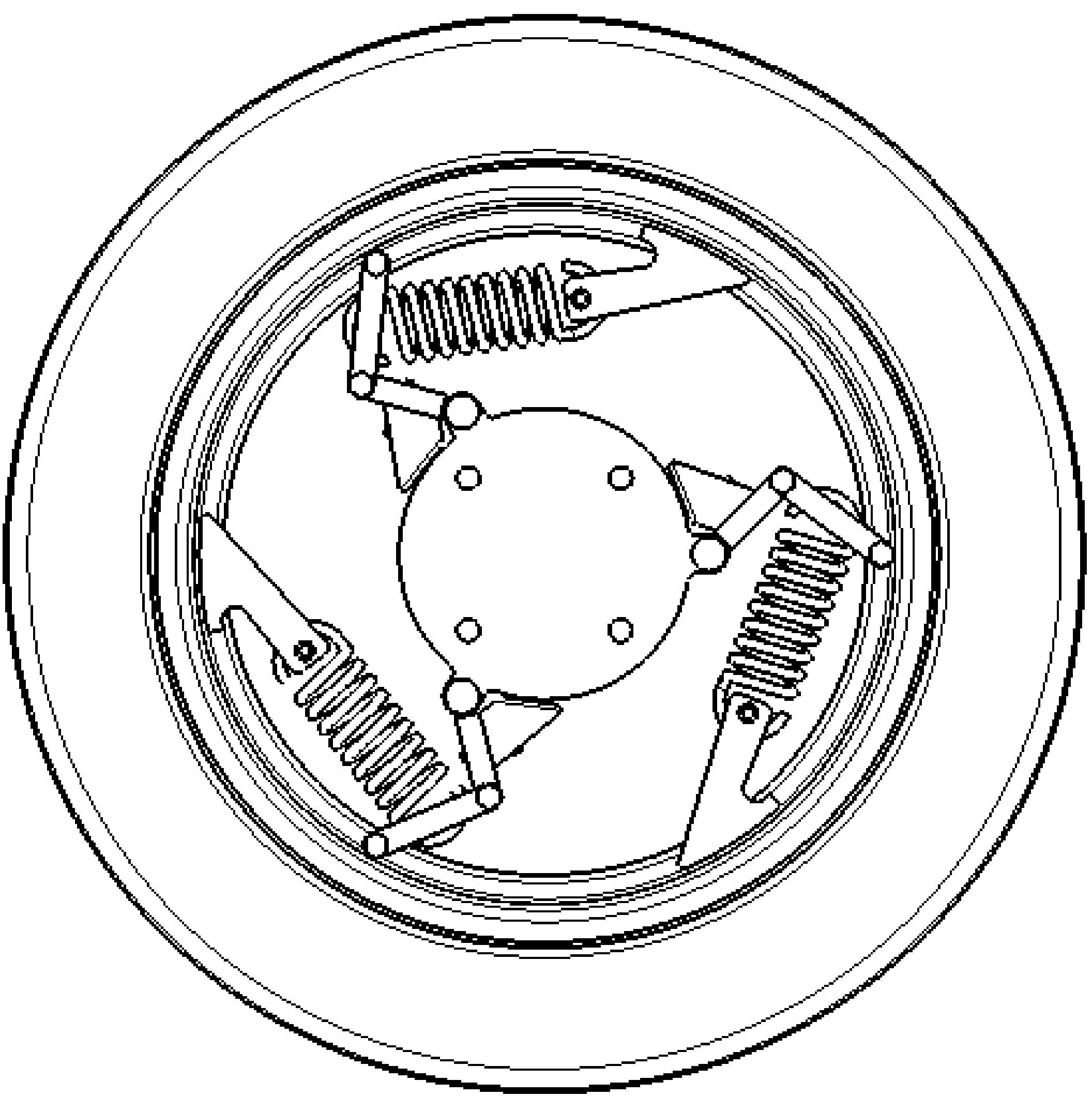
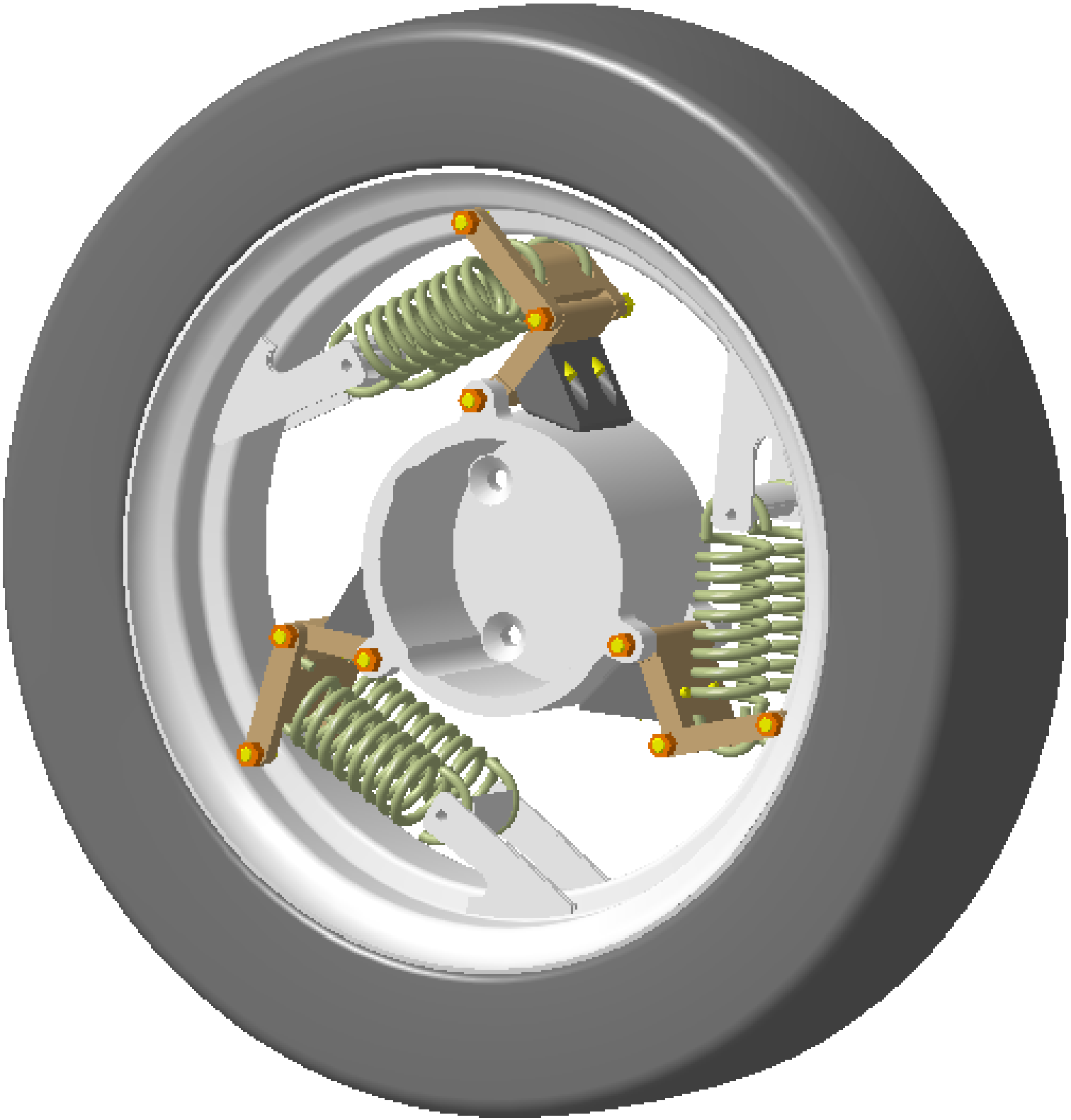
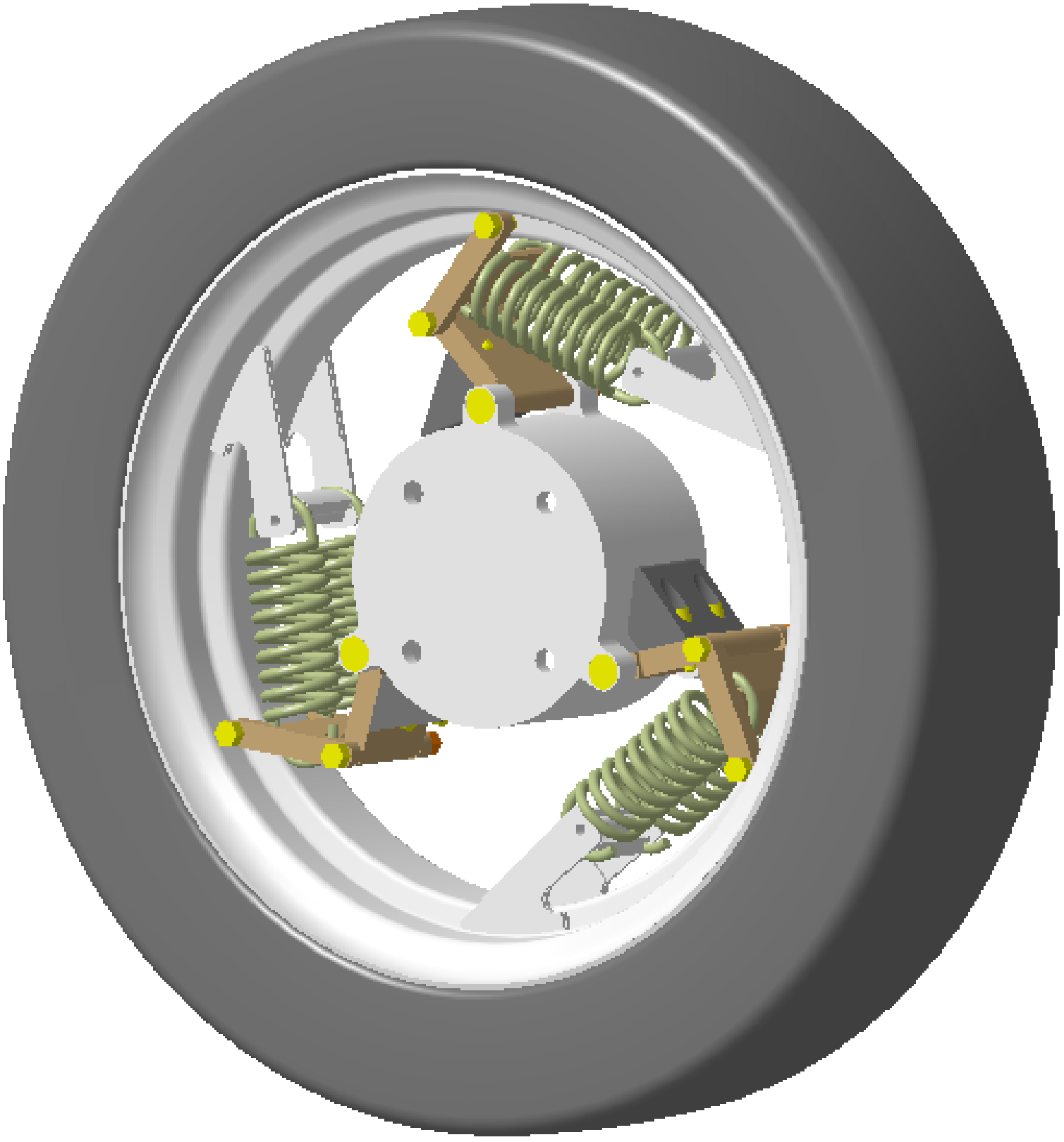


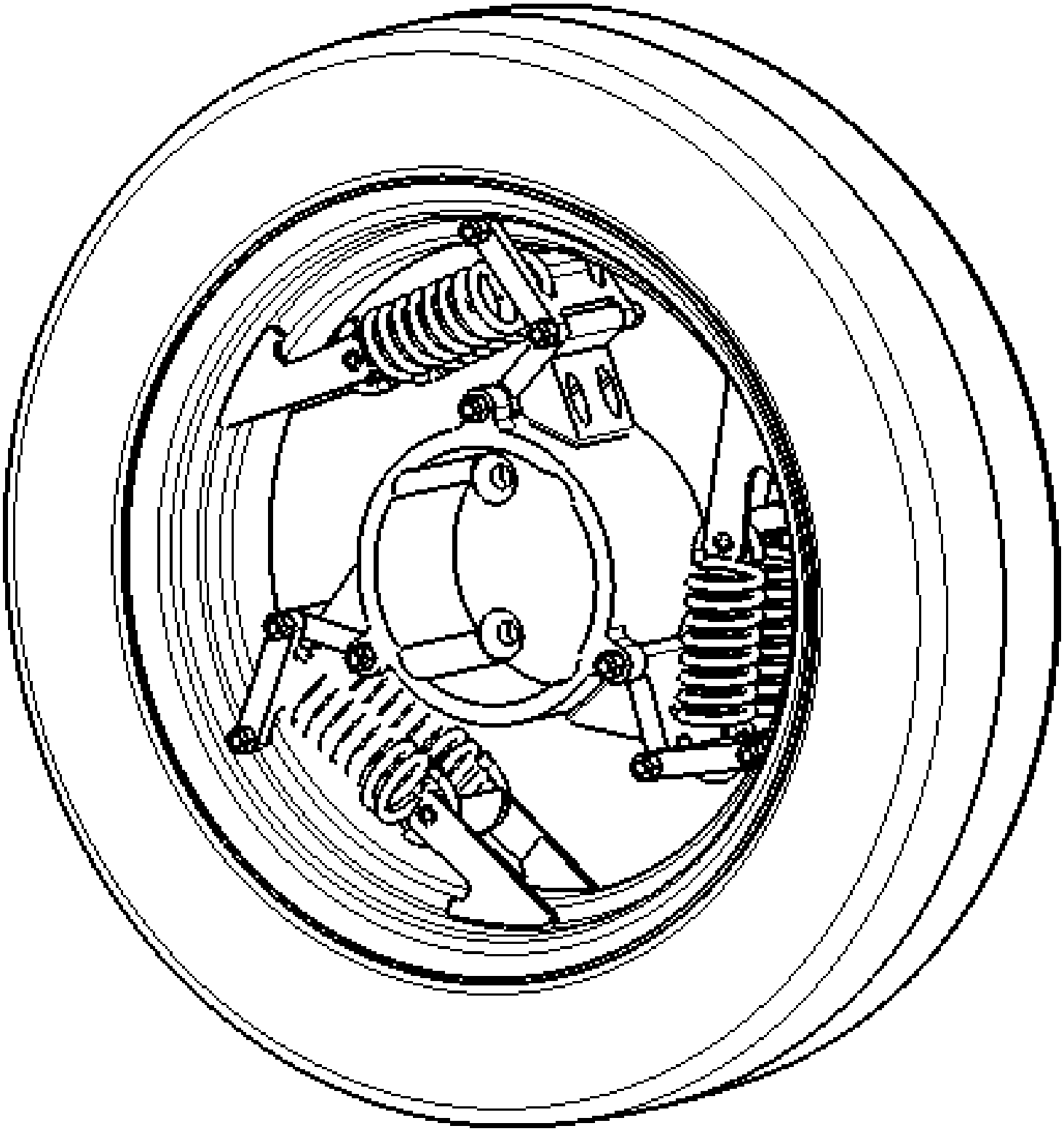










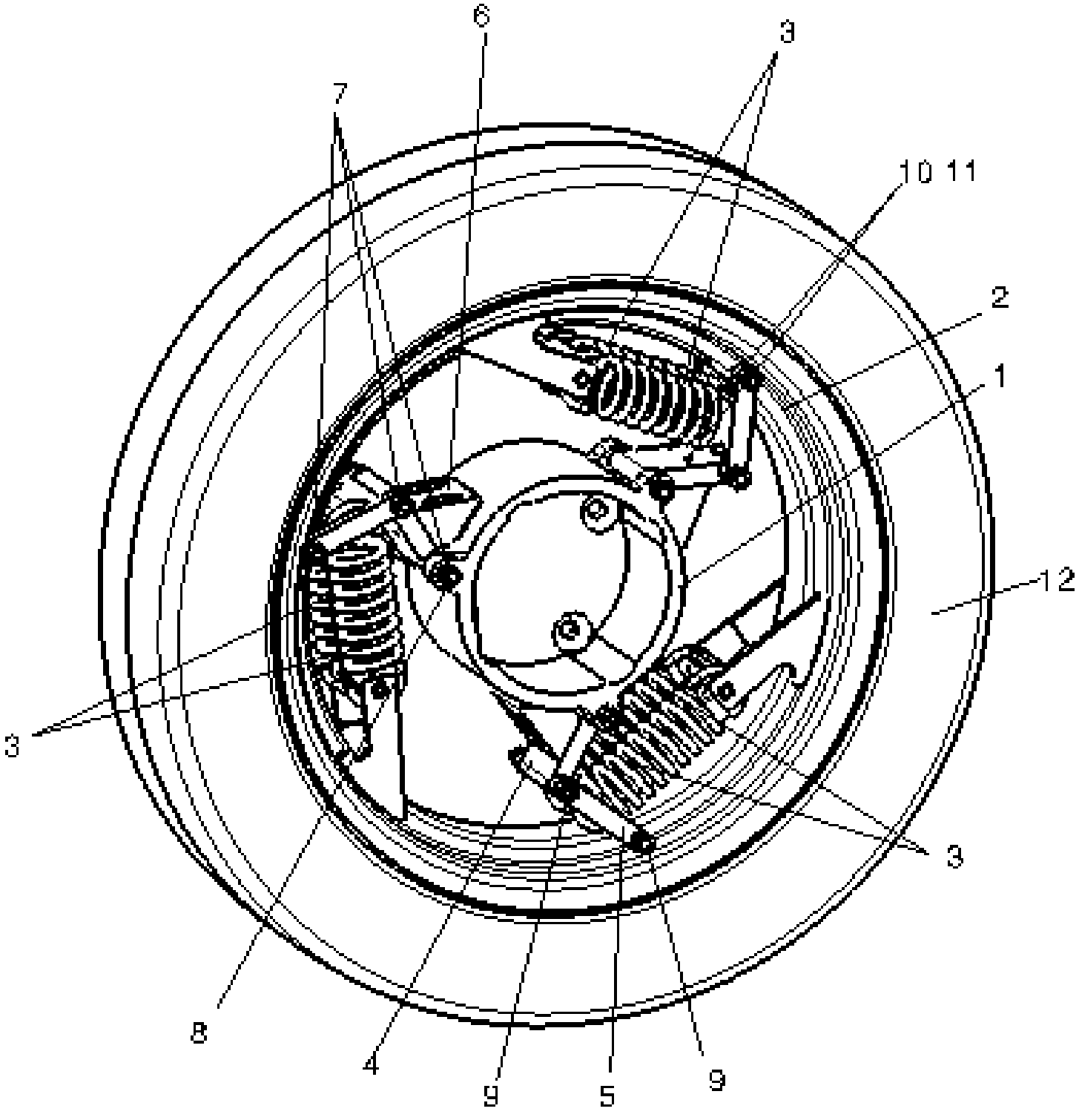


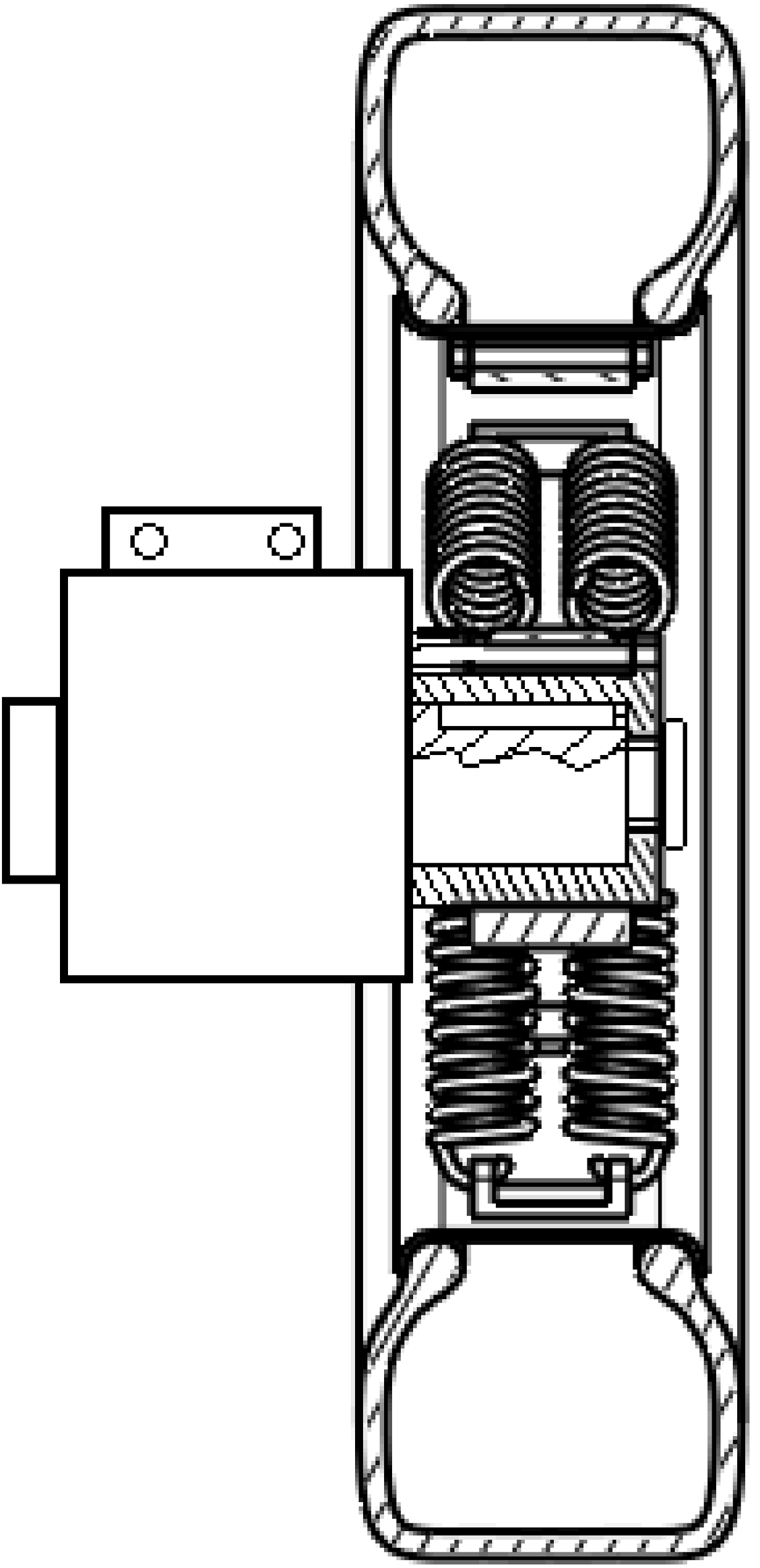
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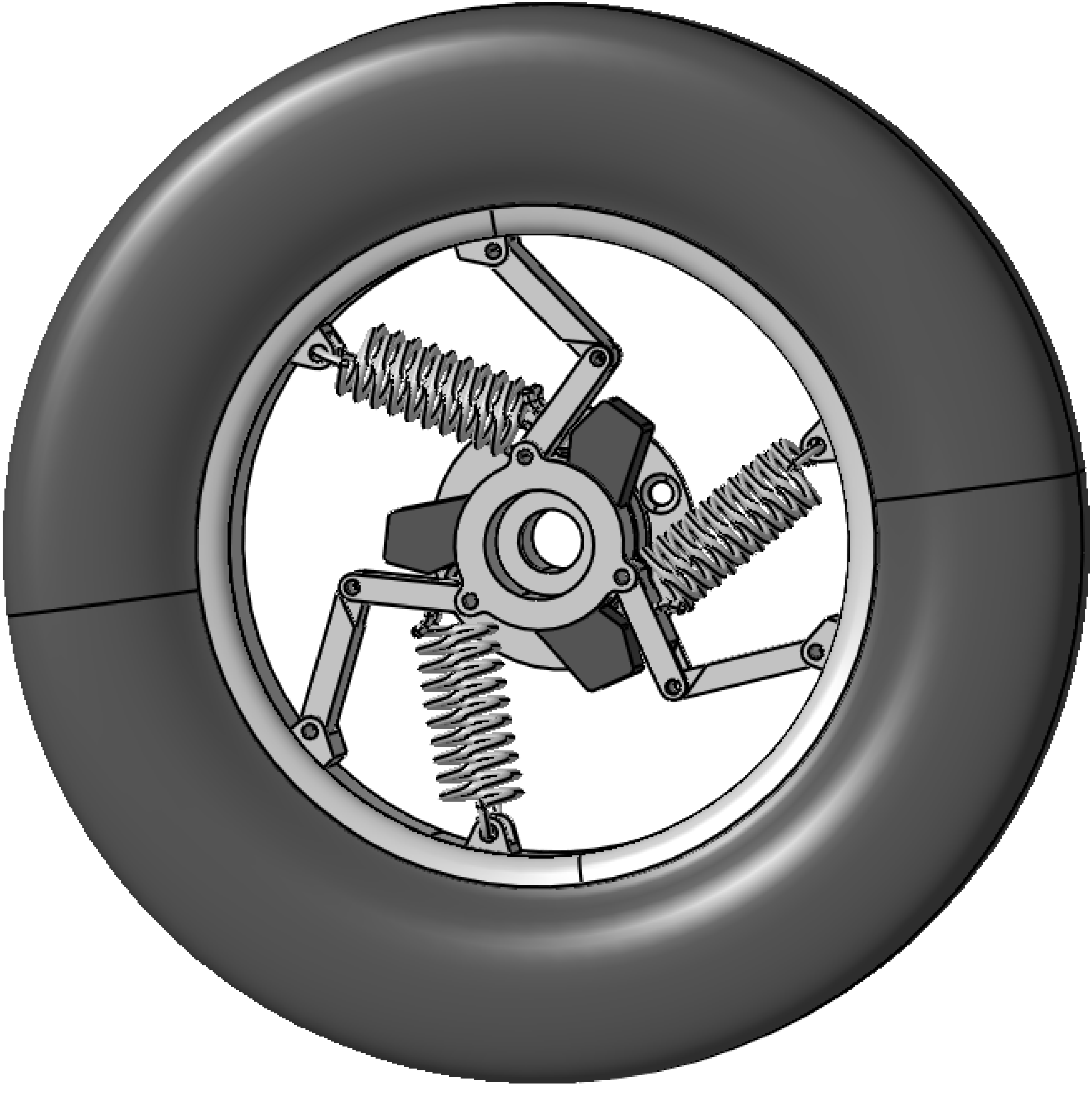
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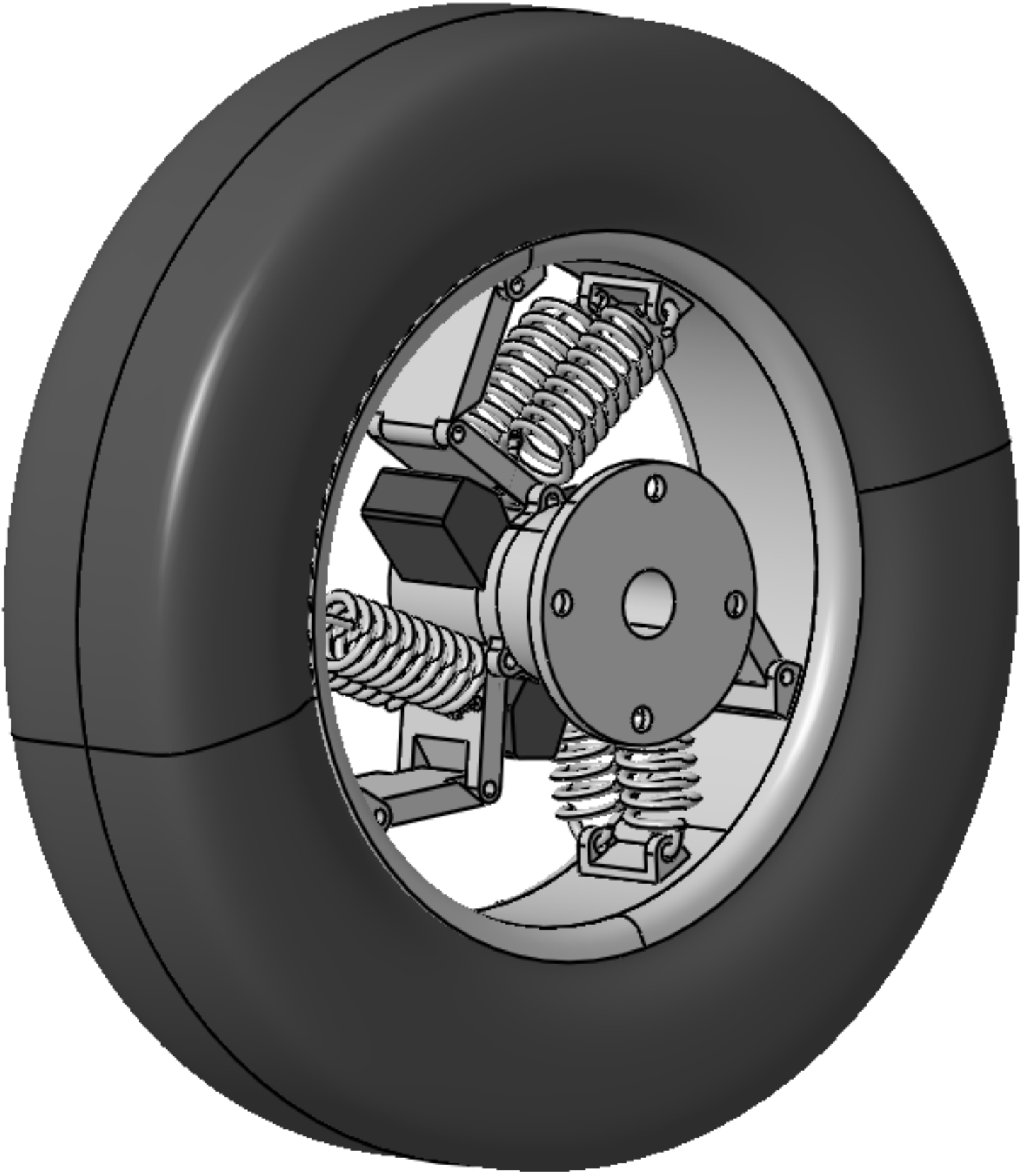
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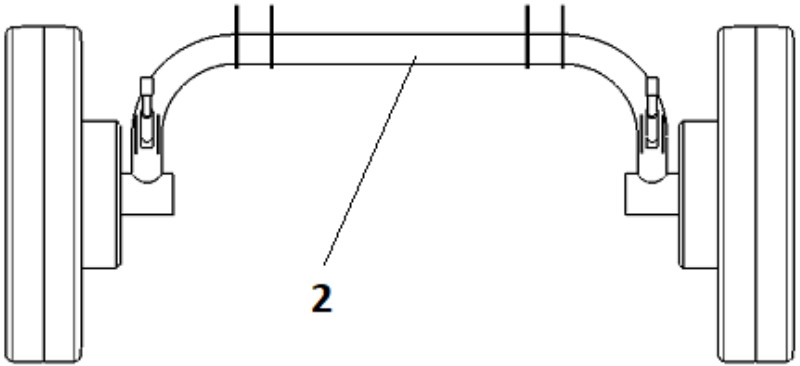
Nr.	Deumire	Referinta	Cantitate
12	Anvelopa T125-70 15-95M		1
11	Saiba 8x14		6
10	Surub M8 cap rotund	SSR 0002	6
9	Surub M8 cap hex.	SSR 0002	6
8	Surub M8 cap inecat	SSR 0002	3
7	Piulita autobloc.M8		12
6	Limitator	SSR 0007	3
5	Pirghie superioara	SSR 0006	3
4	Pirghie inferioara	SSR 0005	3
3	Arc	SSR 0004	6
2	Janta sudata	SSR 0003	1
1	Butuc	SSR 0002	1

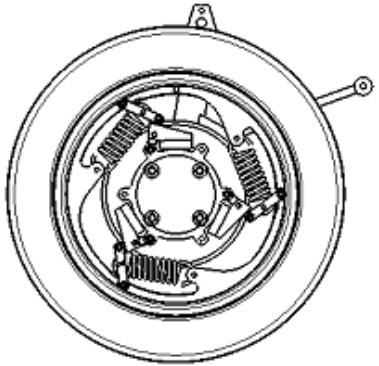

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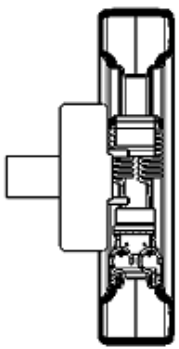


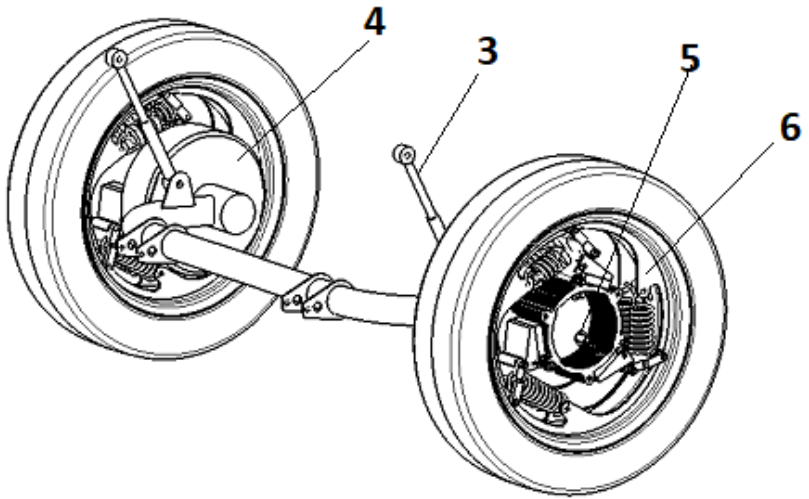








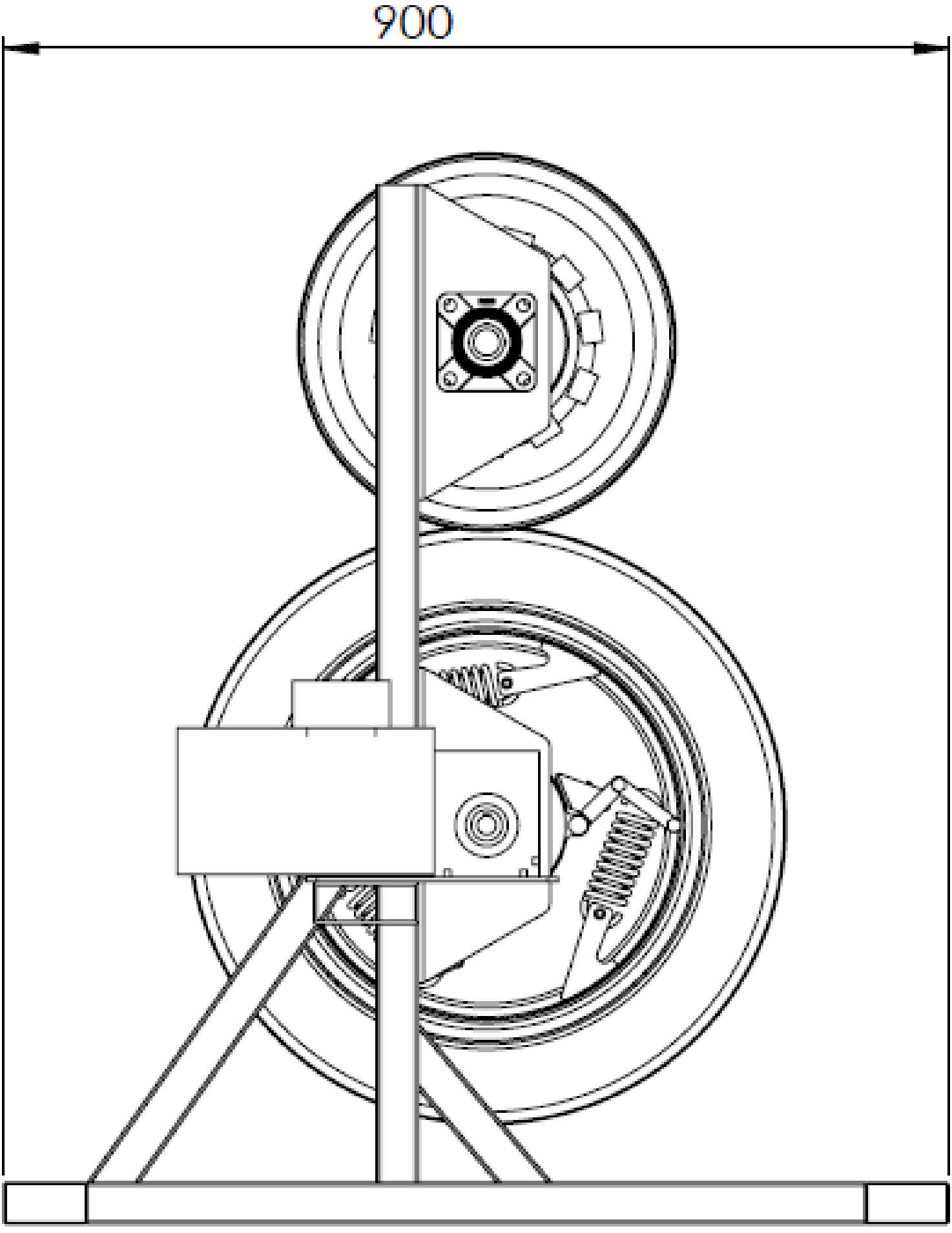


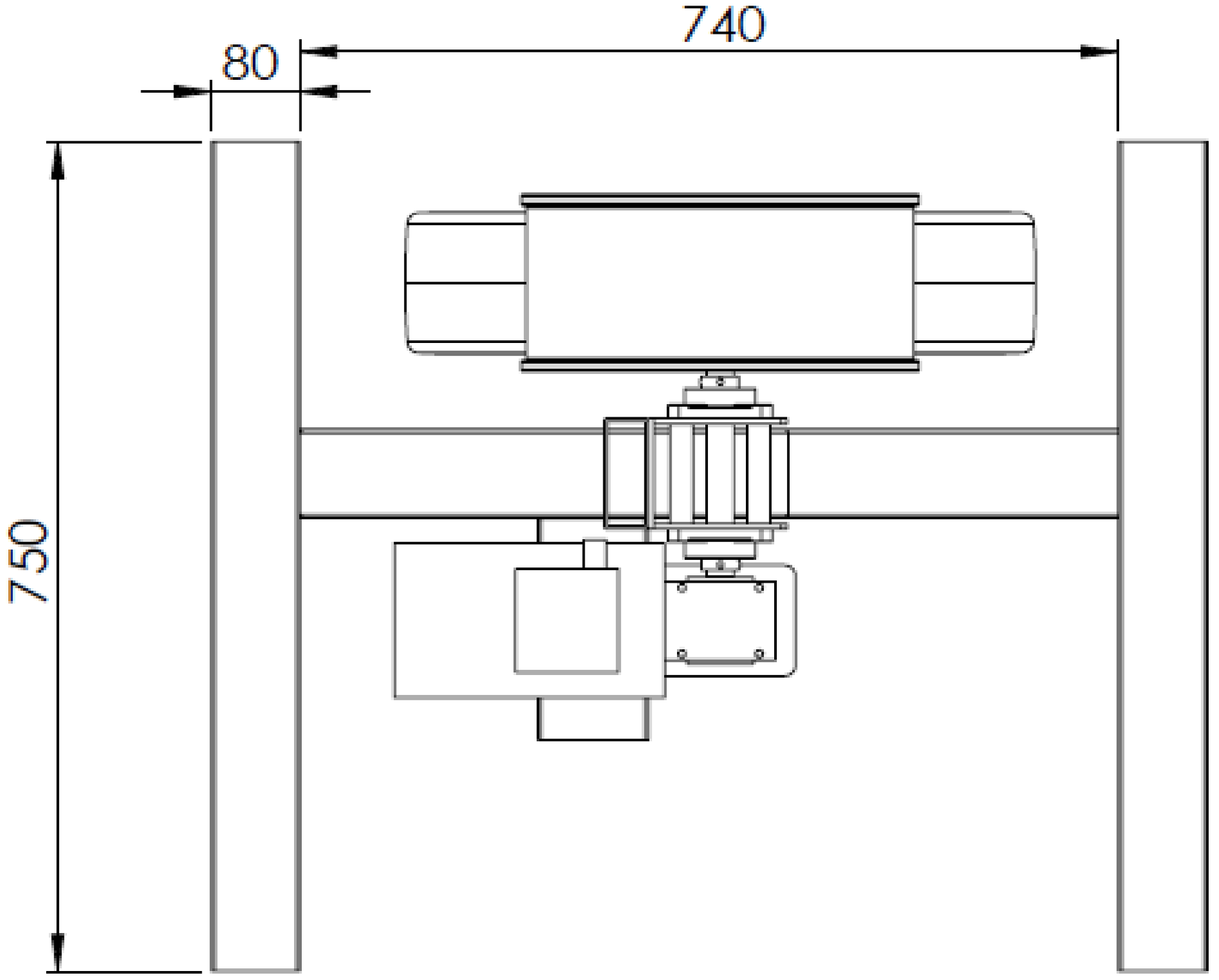


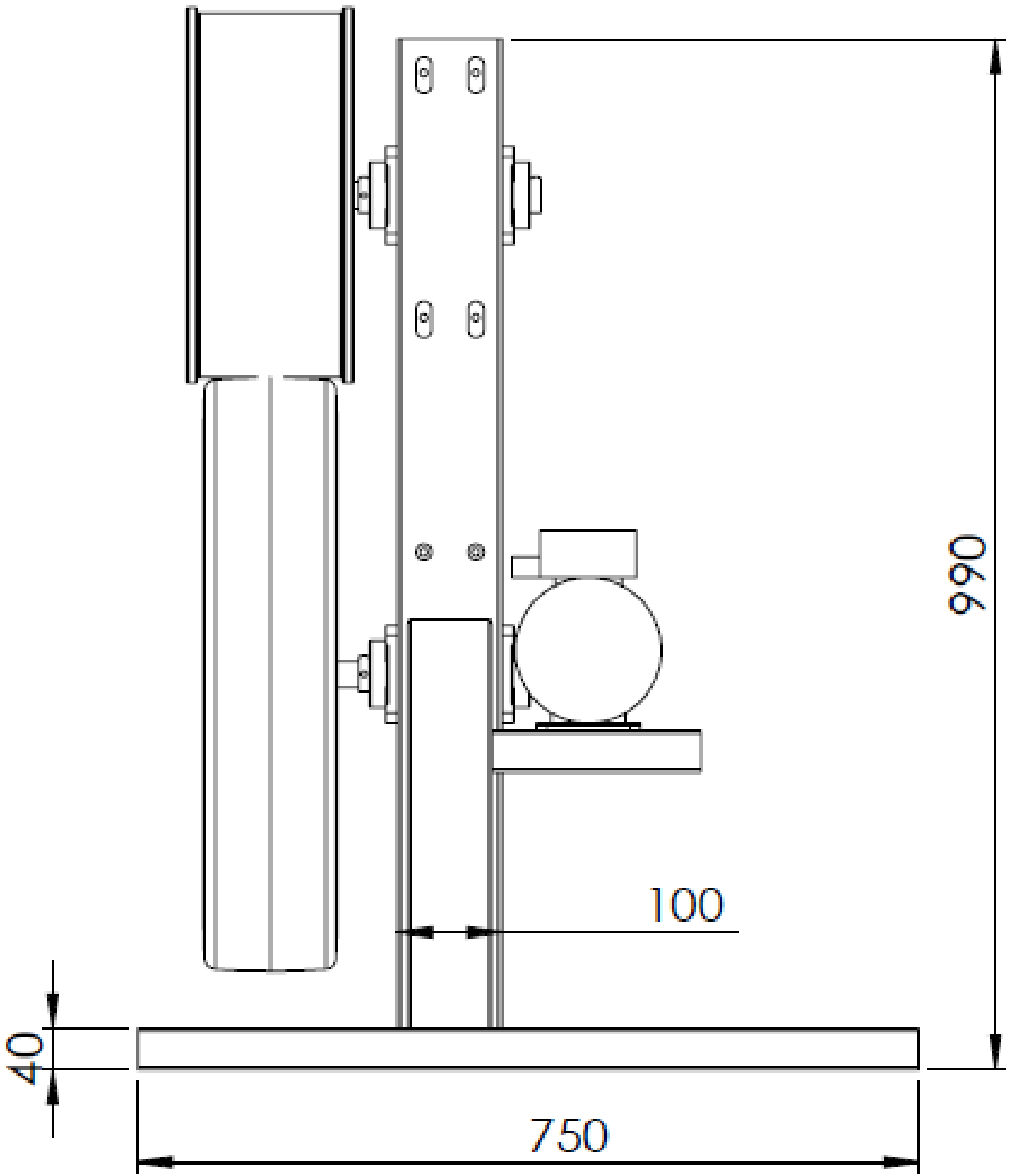
Nr.	Denumire	Reper	Cant.
1	Sistem de propulsie integrat	SPI 0001	1
2	Punte spate motoare	SPI 0002	1
3	Amortizor fals	SSR 0011	2
4	Motor electric	SPI 0003	2
5	Piulita roata	SSR 0012	8
6	Sistem de suspensie in roata	SSR 0001	2

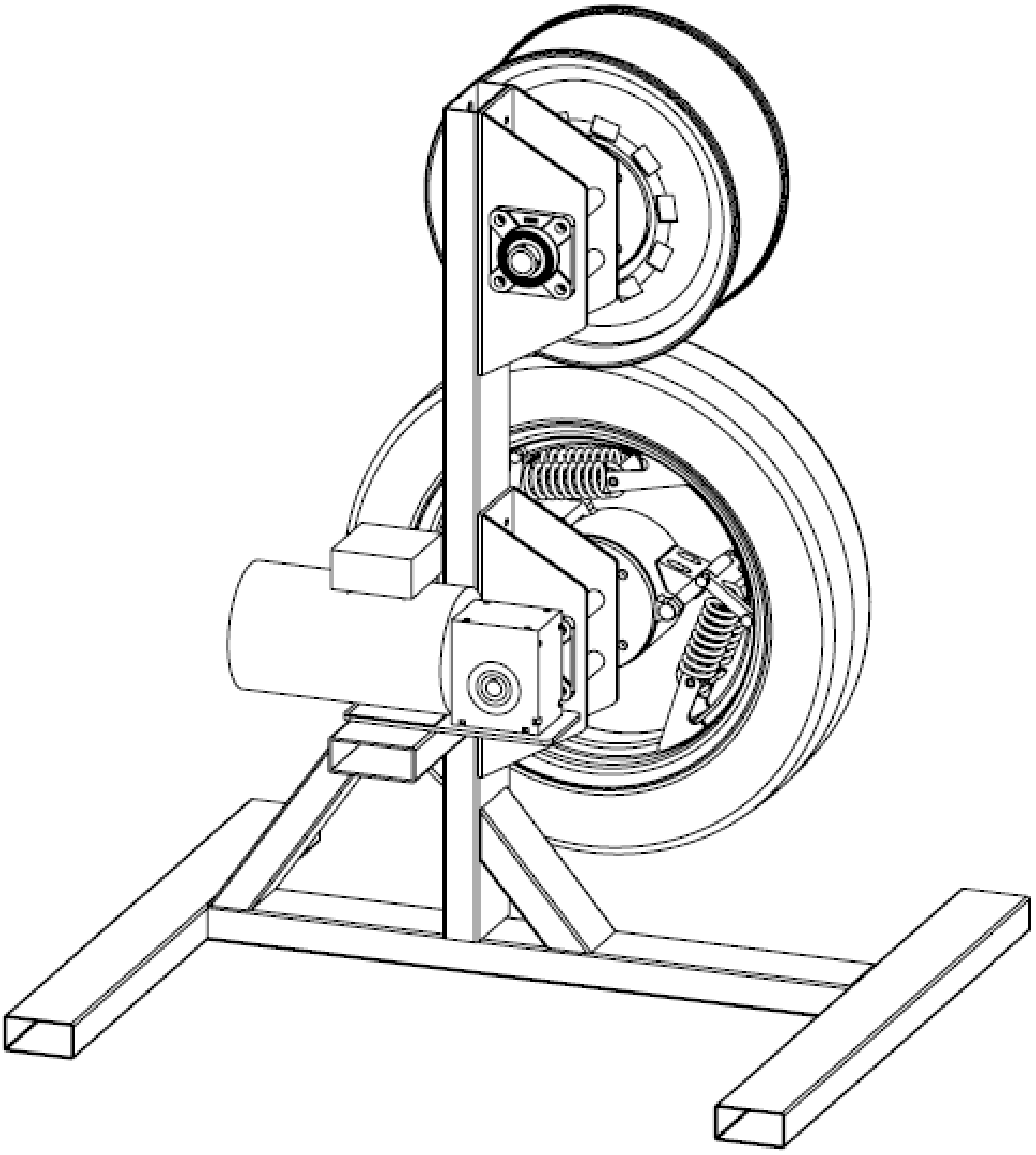
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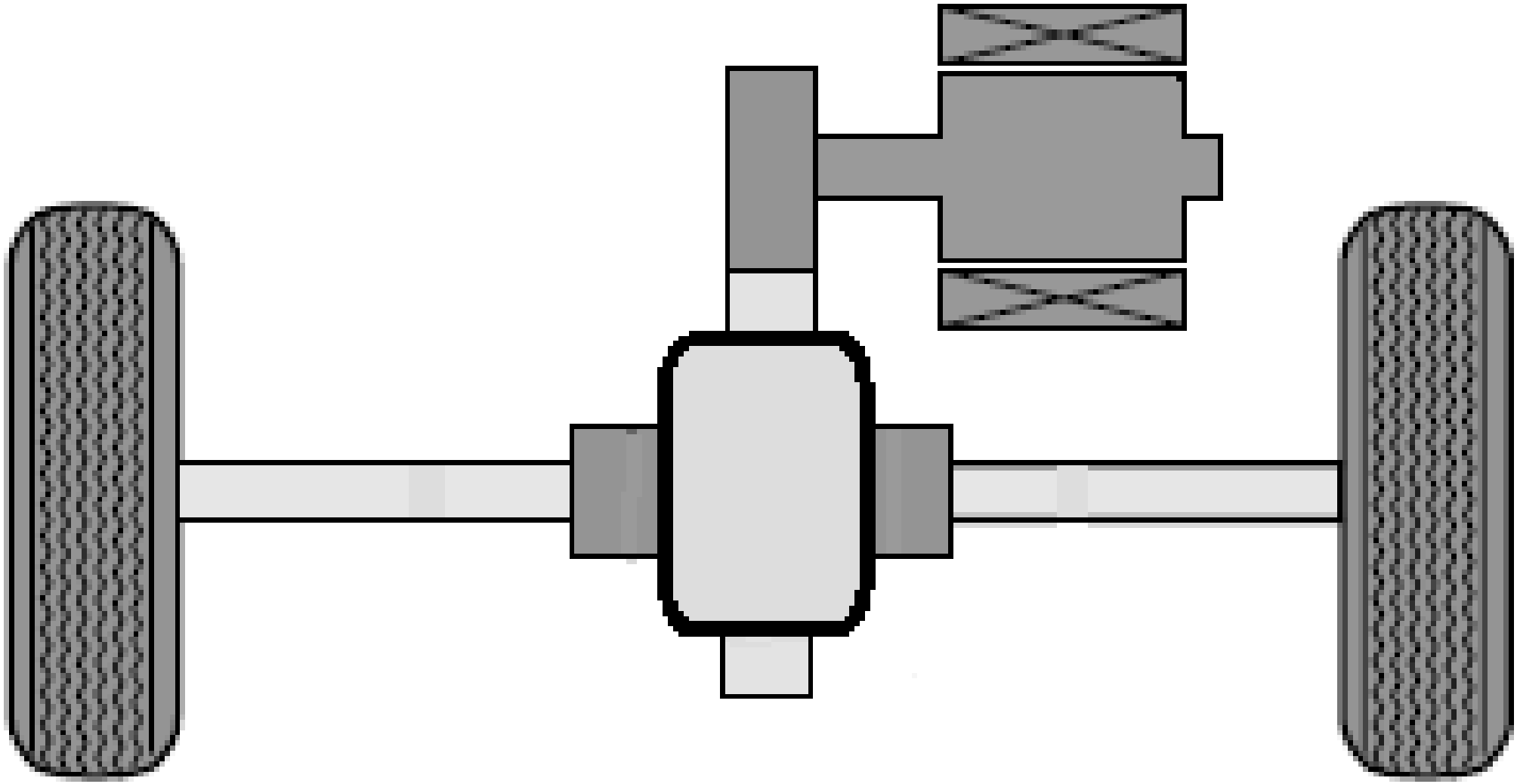
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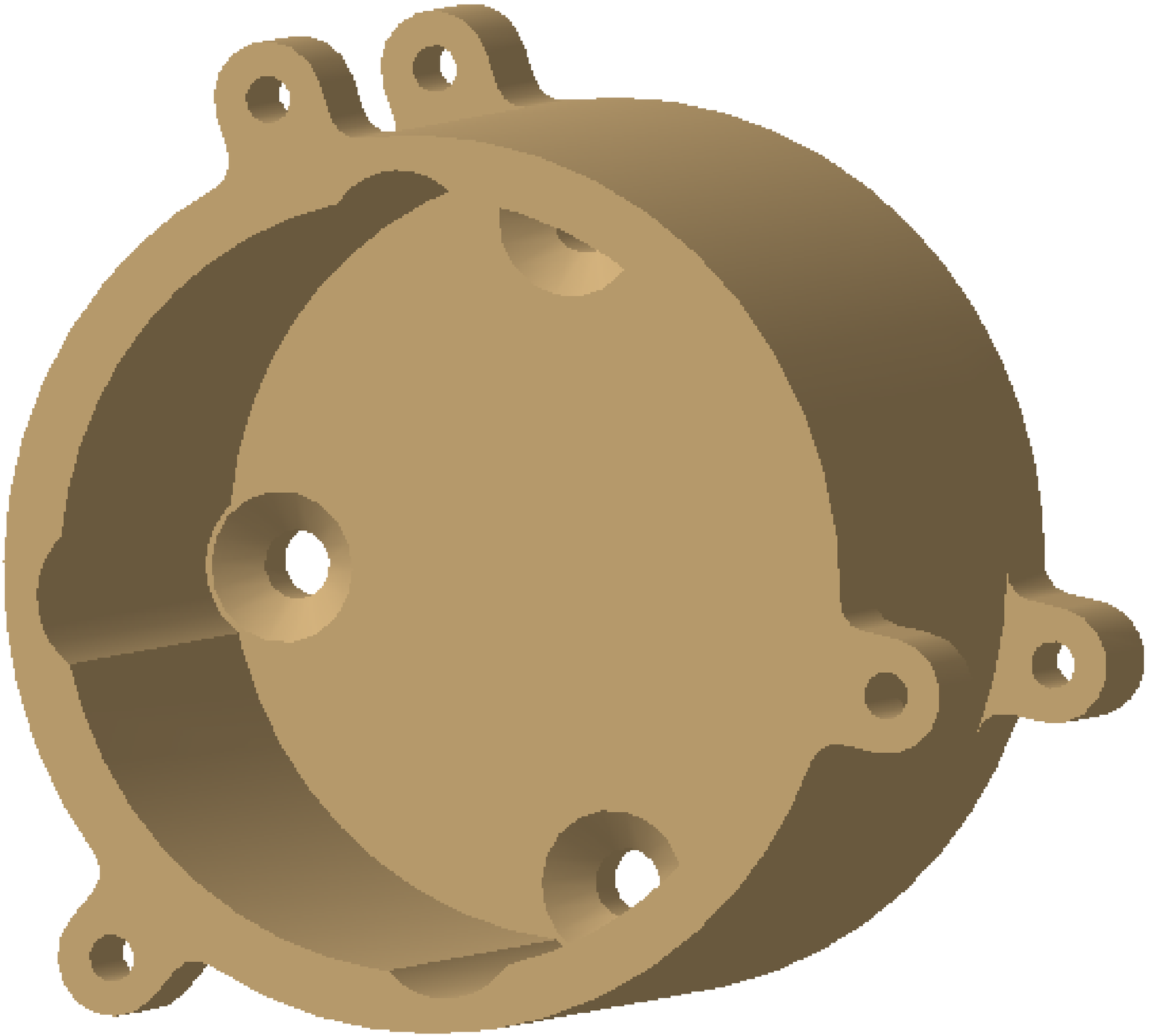

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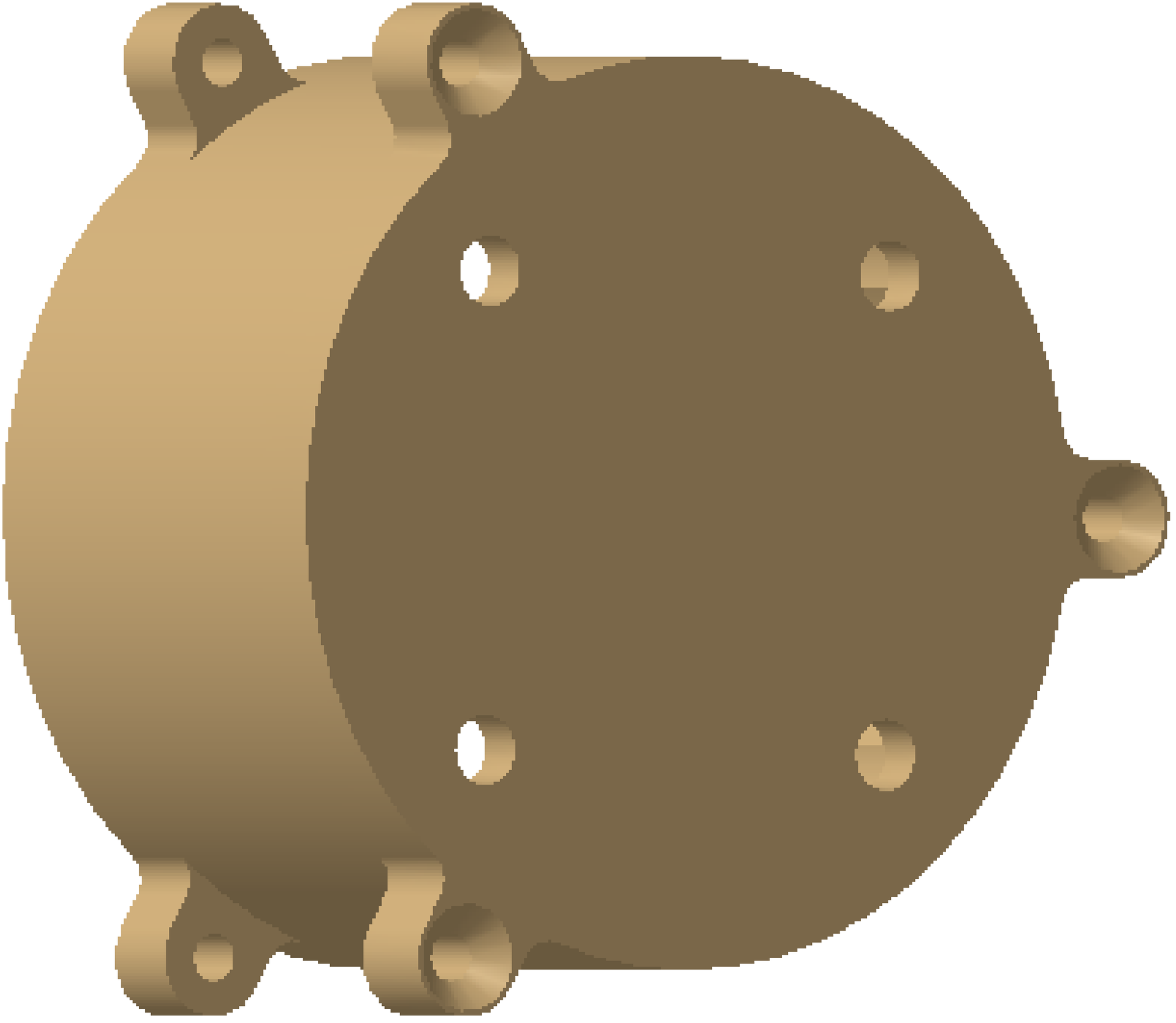

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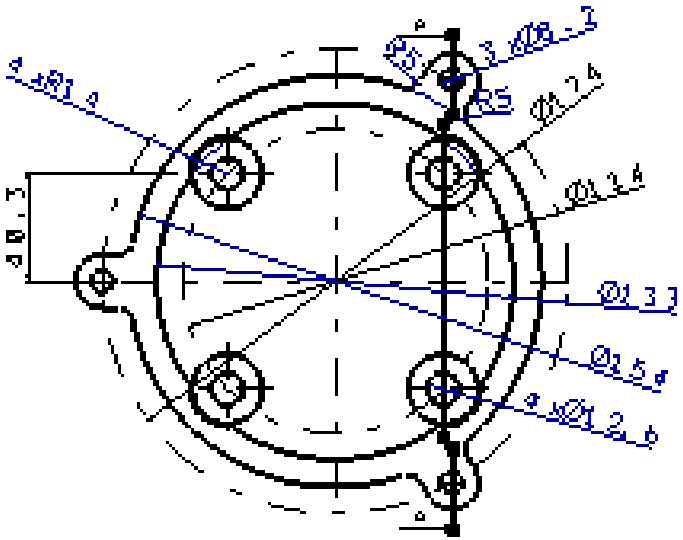

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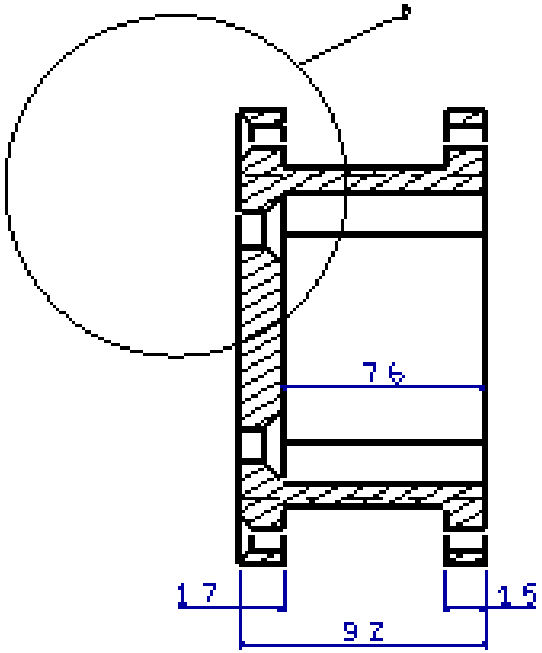




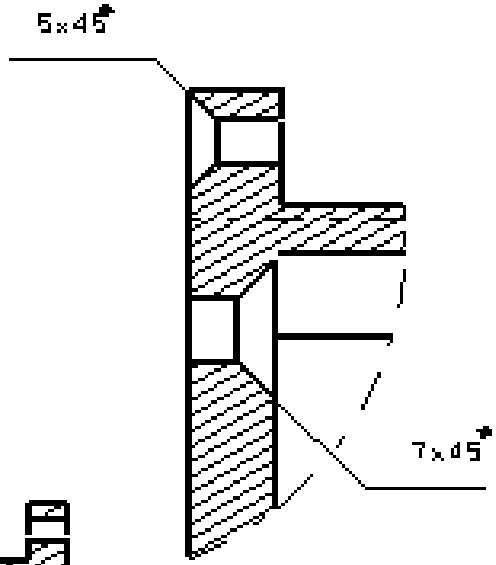




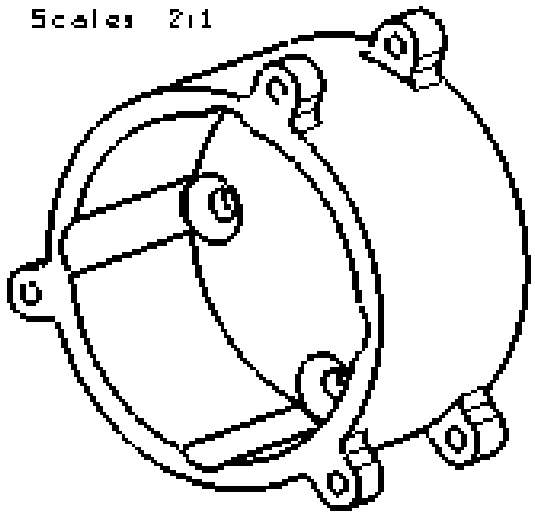




Section view A-A
Scale: 1:1

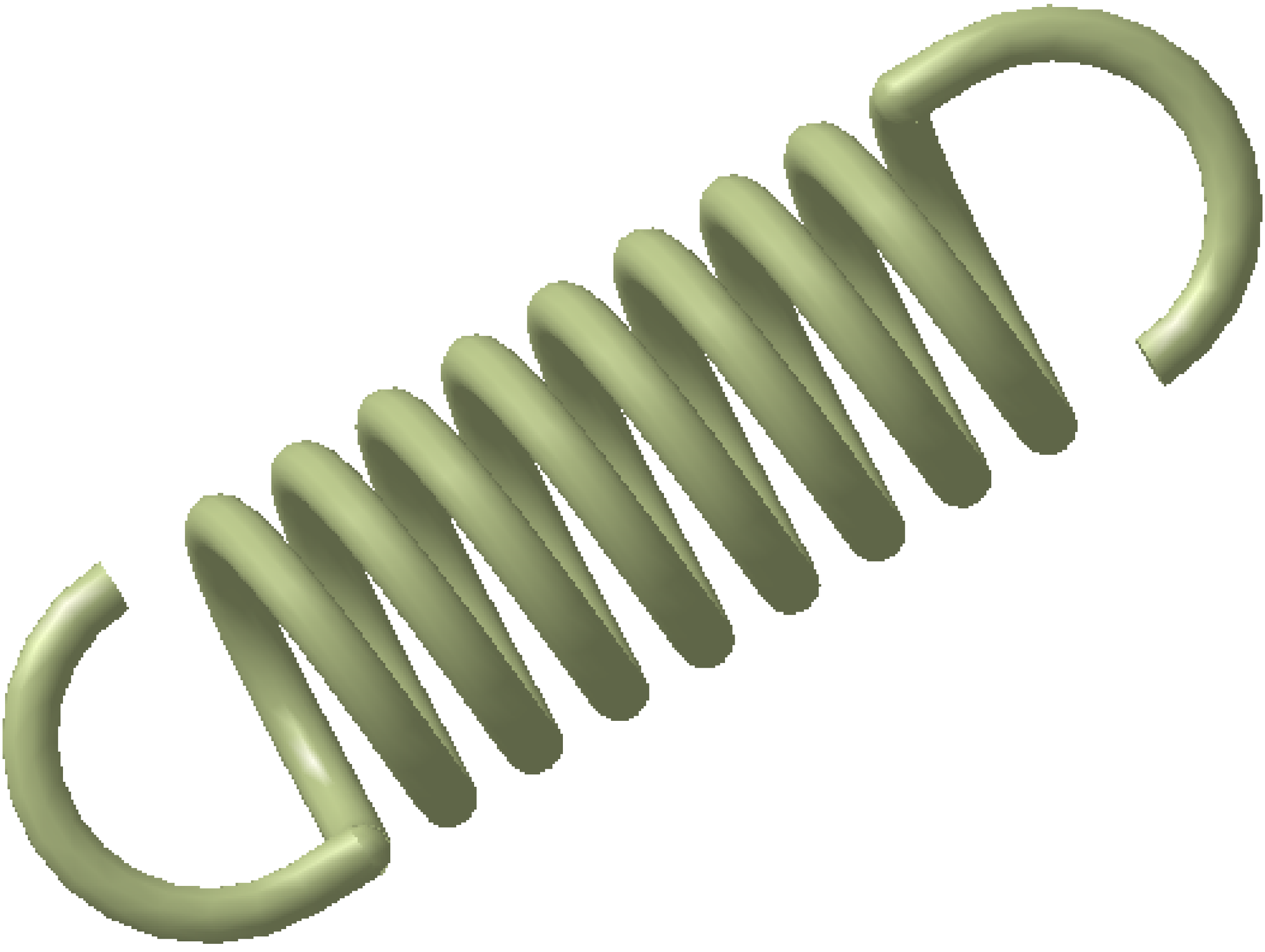


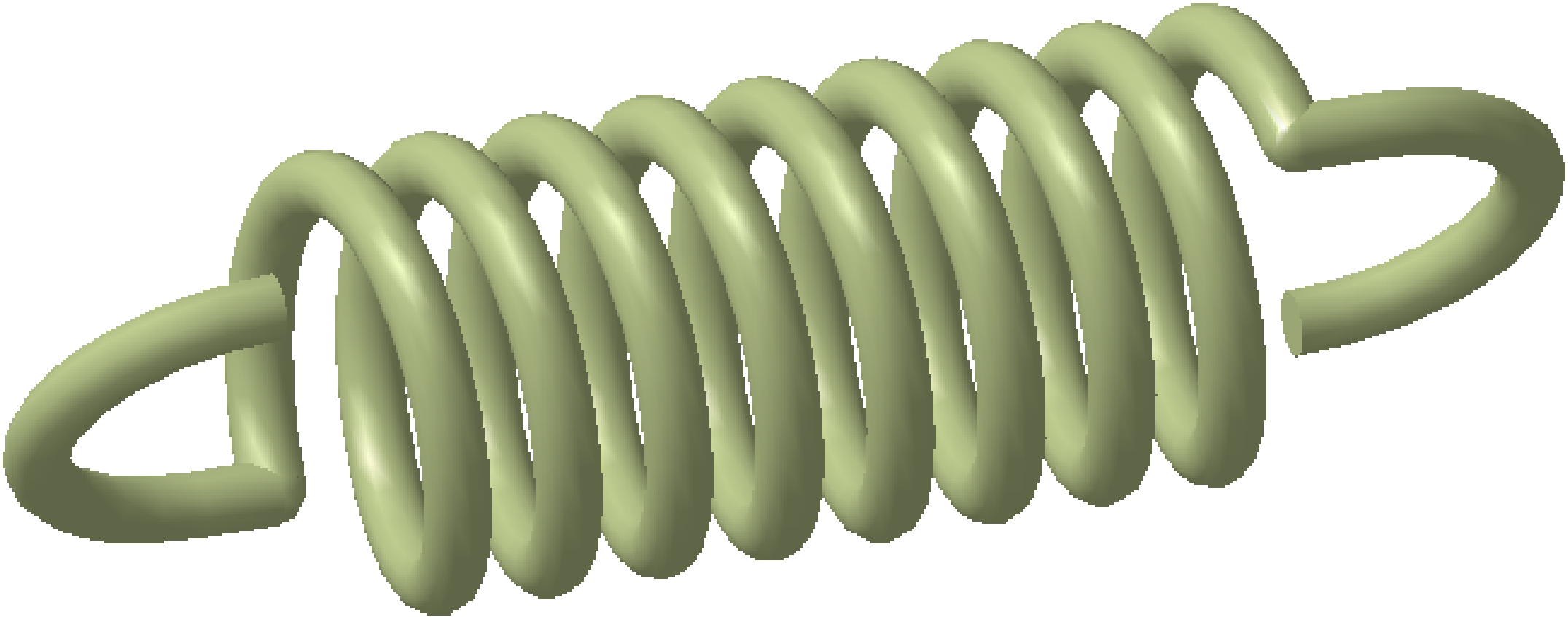
Detail B
Scale: 2:1



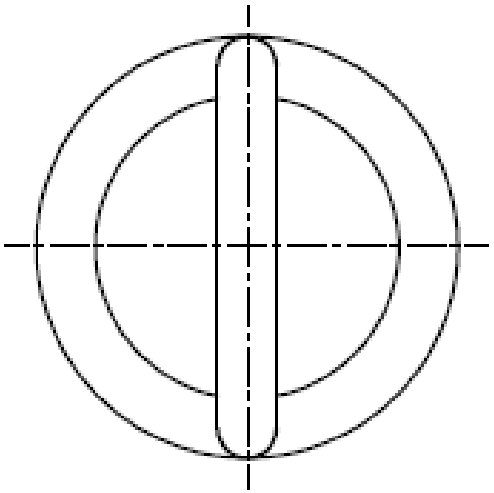
Isometric view
Scale: 1:1

INDUSTRIAL SHIELD				BUTLIC	





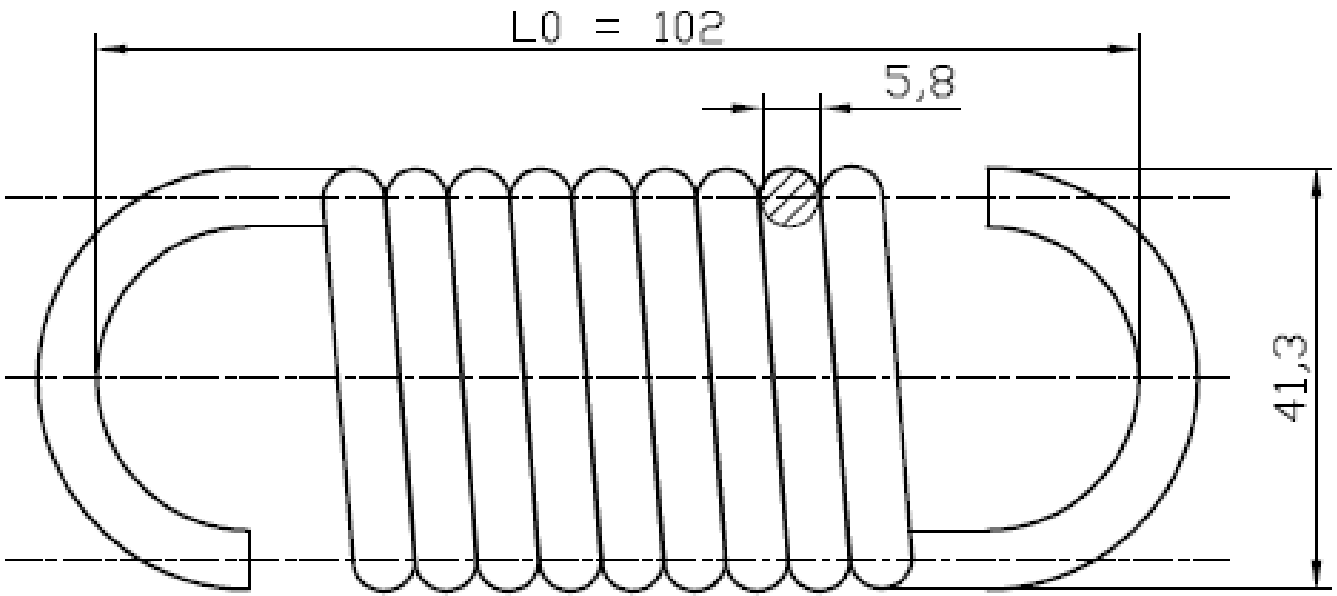
Rev.	Revision note	Date	Signature	Checked



Ref.	U.413.580.1020.-
Mat.	Stainless Steel
R	26,0385 N/mm

Tolerance

		Value		Grade 1	Grade 2	Grade 3	Specified
Free length (mm)	L_0	102,00	±	3,43	5,06	7,89	
Outside diameter (mm)	D_e	41,30	±	0,250	0,500	1,00	
Spring rate (N/mm)	R	28,63	±				
Loop Relationship (Deg)			±	10,33	16,40	26,23	



Drawn	Material	Article No./Material No.
Designed by	Checked by	Approved	File name	Date	Scale
---	---	---	---	---	---

INDUSTRIAL SHIELD	Arc 1/4
SSR 0004	Edition Sheet

Rev.	Revision note	Date	Signature	Checked

Required Data

Material:	EN 10270-1 Drawn	...
Temperature:	20 °C	
End Loop:	Crossover loop	...
End Fixation:	Equal to body diam	41,30 mm ...

Design Parameters

Set Initial Tension, Free Length + 3 Other Param

☑	Wire Diameter:	5,80	mm
☑	Outside Diameter:	41,30	mm
☑	Total Coils:	9,00	
☐	Spring Rate:	28,63	N/mm
☑	Initial Tension:	0	N
☑	Free Length:	102,00	mm

Reset

Stress Data

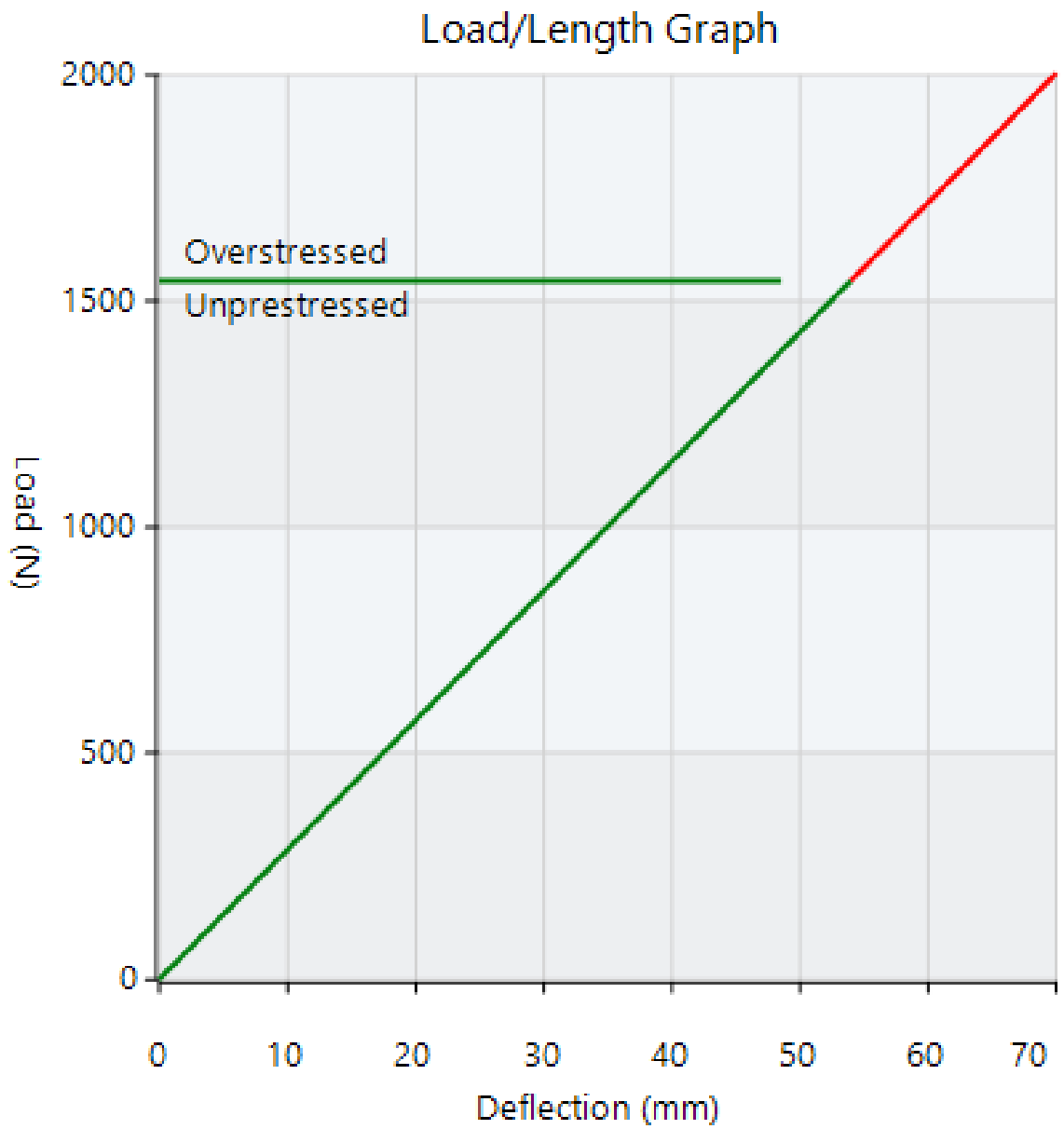
(•) Lower Tensile ( ) Upper Tensile

	Tensile (MPa)	% I.T.
SL	1210	0
SM	1400	0
DM	1400	0
SH	1590	0
DH	1590	0
Specified		

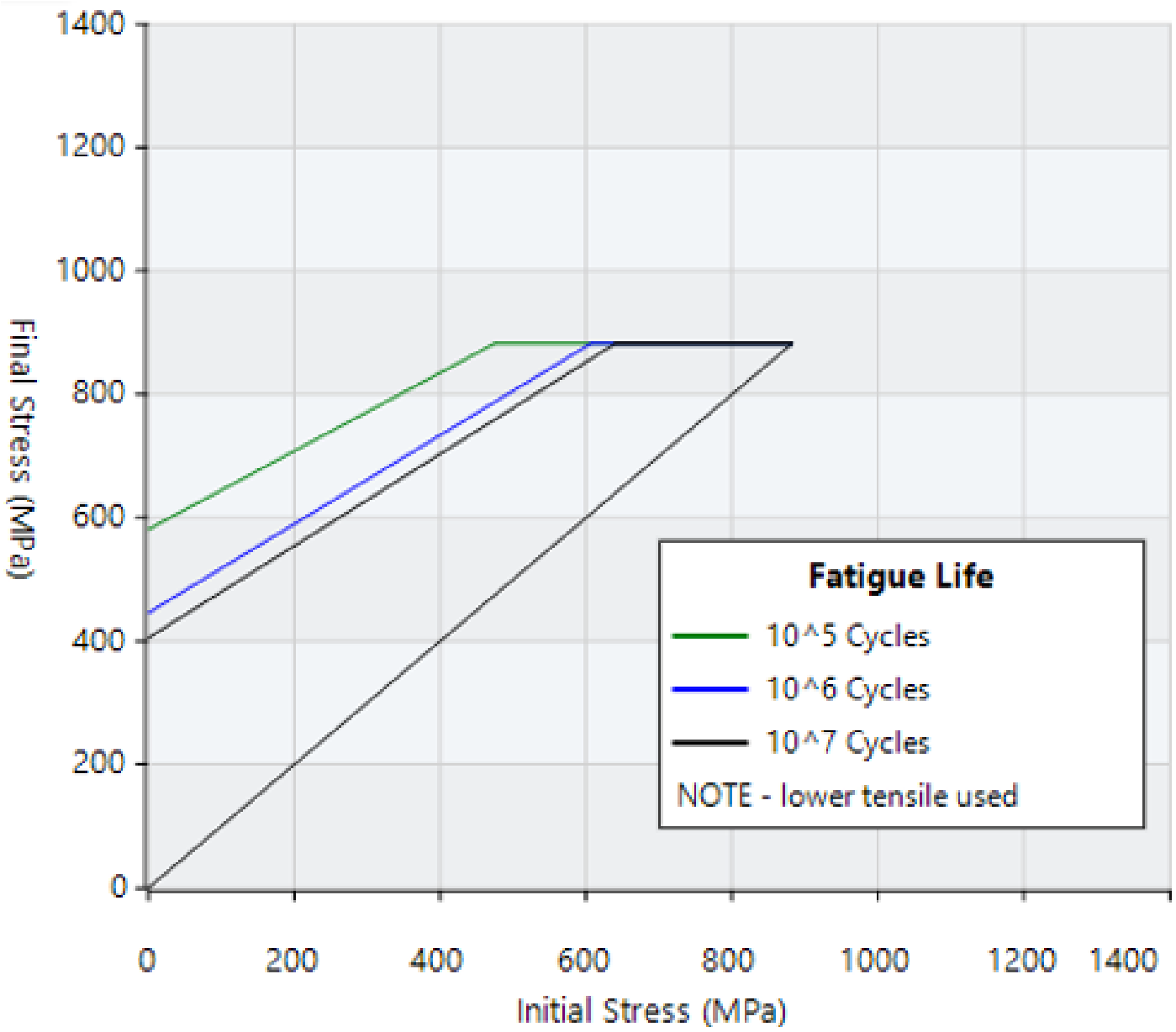
Calculated Data

		Value	Units
Estimated free length	L_0	117,40	mm
Added length	L	-15,40	mm
Initial tension stress	τ_0		MPa
Body length	L_s	58,00	mm
Body length (max)	L_{sm}	58,40	mm
Spring index	w	6,12	
Correction factor	K	1,23	
Inside diameter	D_i	29,70	mm
Outside diameter	D_e	41,30	mm
Mean coil diameter	D	35,50	mm
Wire length		1212,7	mm
Spring weight		0,252	kg
Natural frequency	F_f	11126	RPM
Available deflection...	s_n	41,05	mm

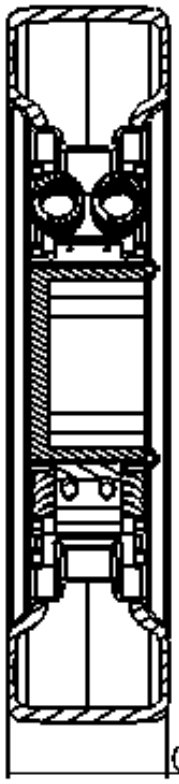
Unless otherwise stated, Material					Article No./Reference
Designed by	Checked by	Approved	File name	Date	Scale
INDUSTRIAL SHIELD			Arc	2/4	
			SSR 0004	Edition	Sheet

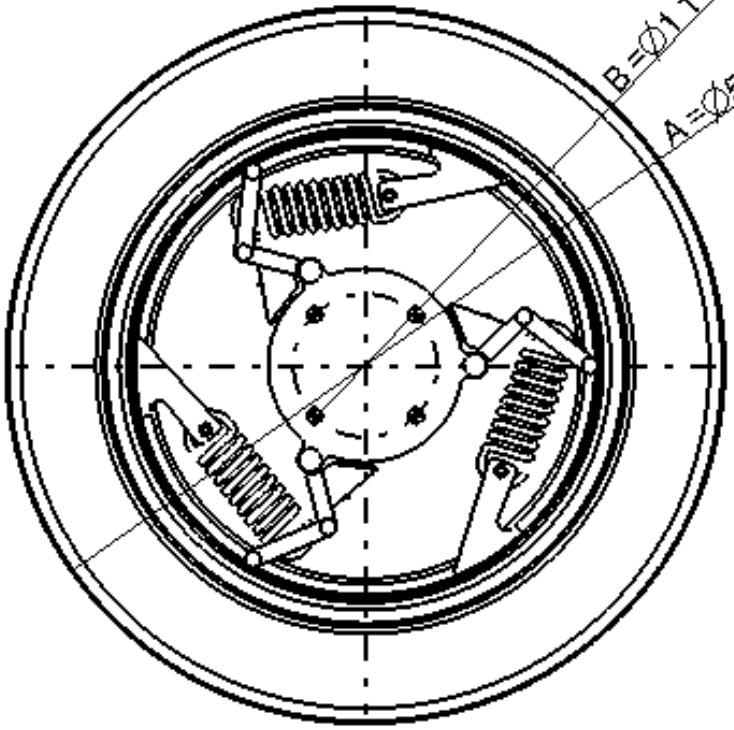


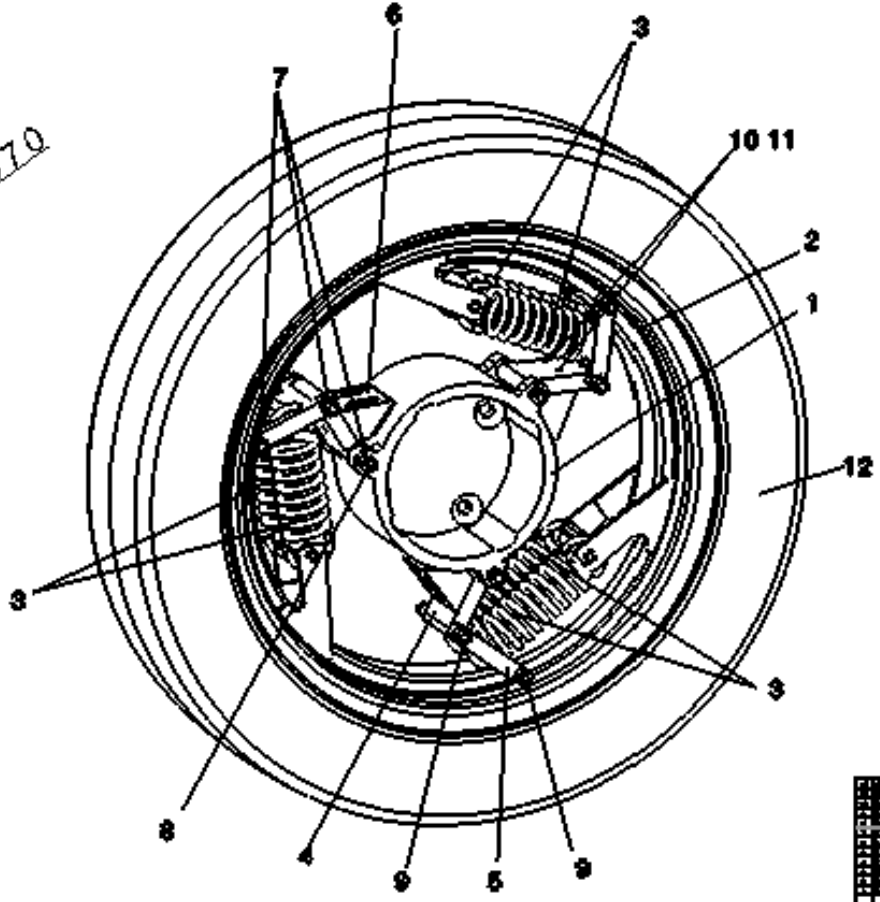
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INDUSTRIAL SHIELD			Arc		3/4
			SSR 0004		



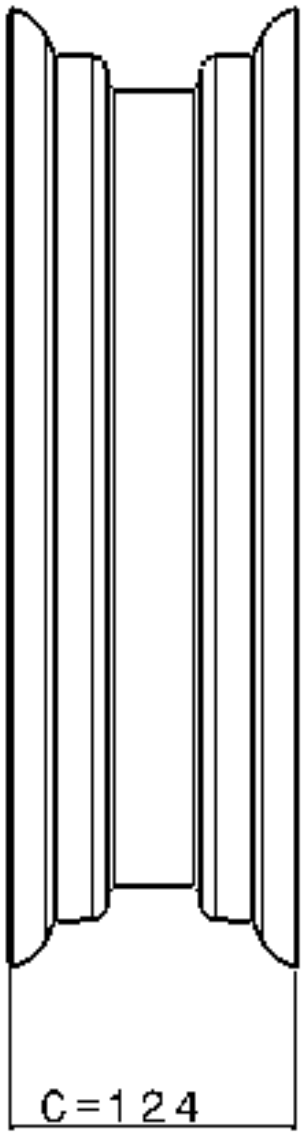
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INDUSTRIAL SHIELD			Arc	4/4	
			SSR 0004		

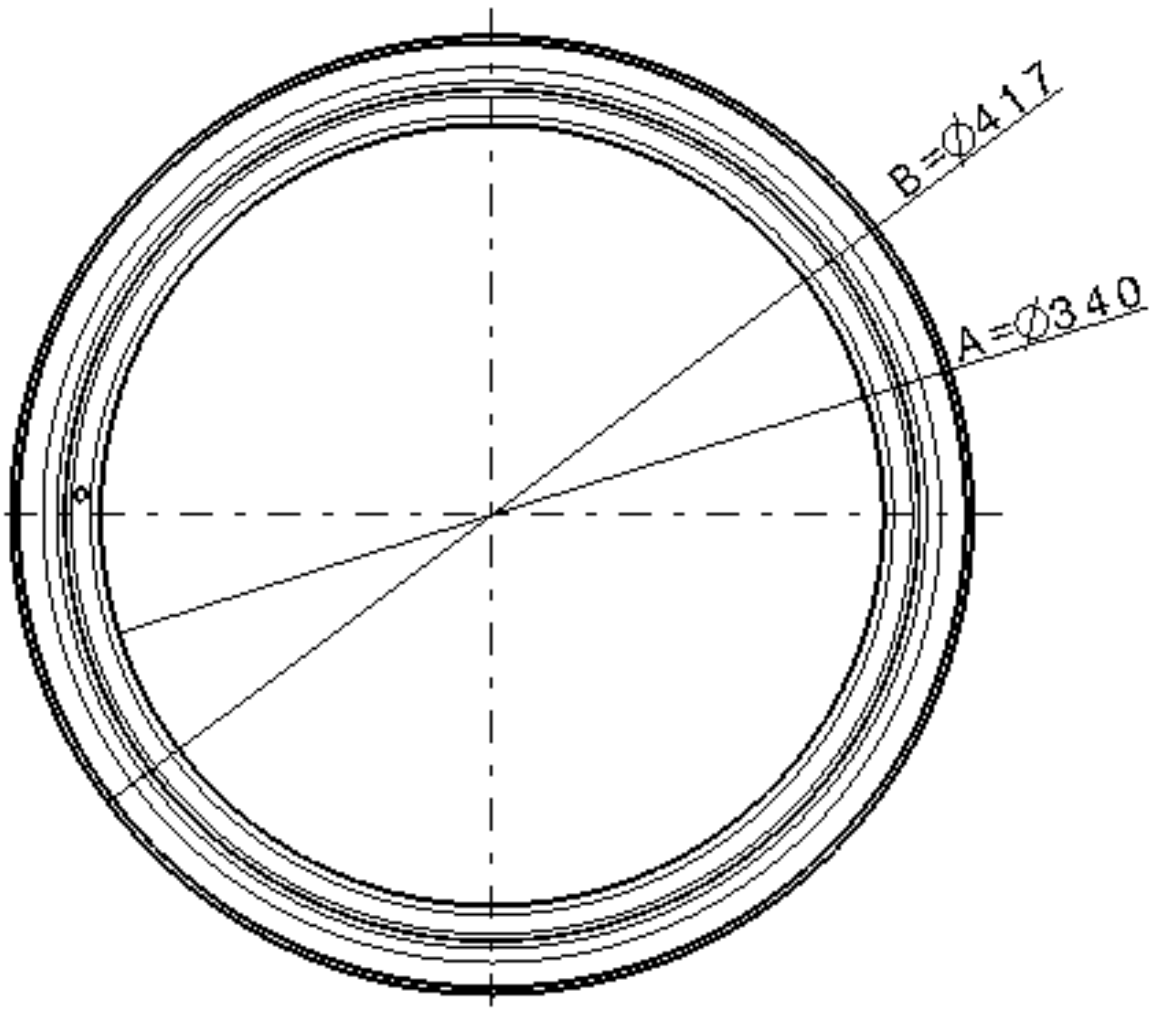


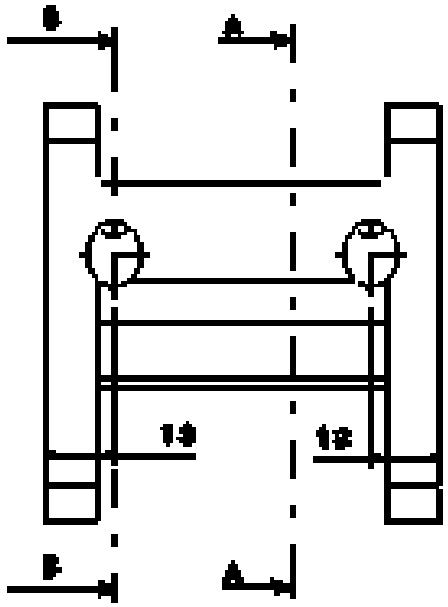


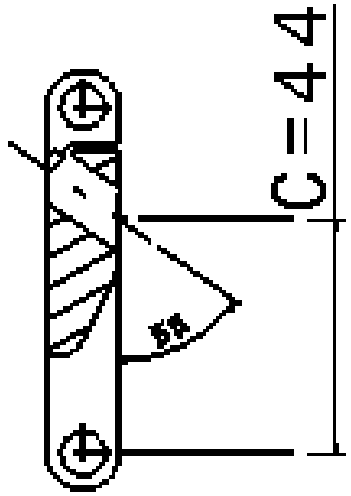


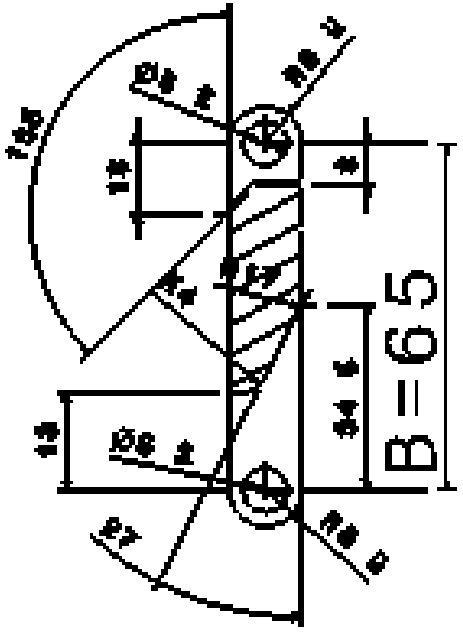
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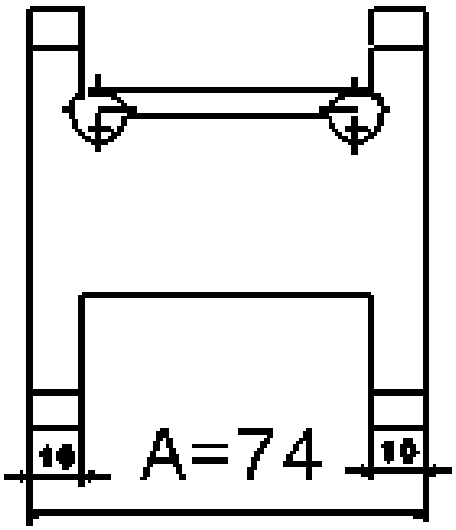

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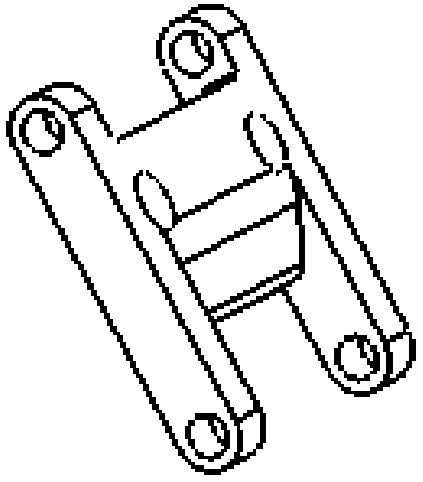

B=Ø417
A=Ø340











Material AlSi 45 con equivalent
Asperire Bruere con echivalent
Precizie exercitiu ±0 05
Rizuri nevoitoare R3

Desenat by ZSC	Checked by ZSC	Approved by ZSC	Data initiala ZSC	Data	Scale 1 : 1

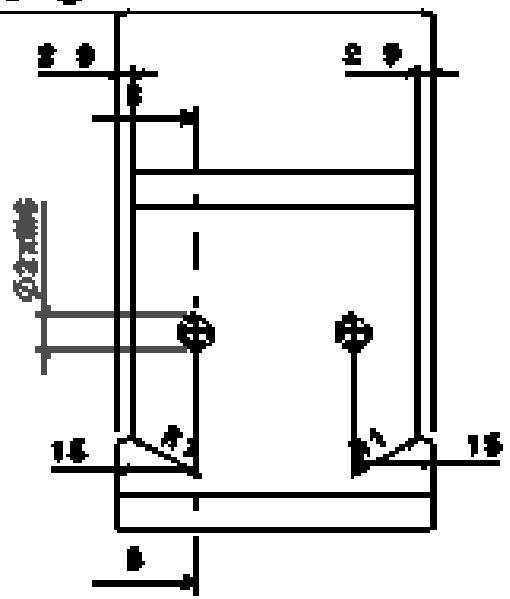
INDUSTRIAL SHIELD

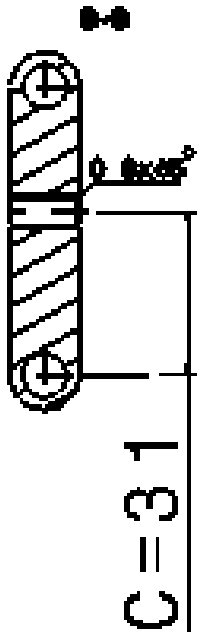
Parghie superioara

Nr. desen 0

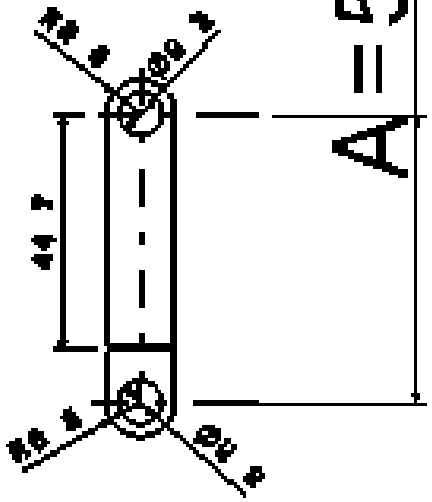
Sheet 1/1

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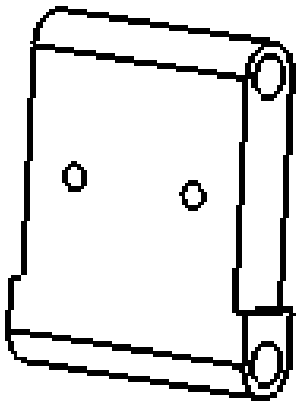




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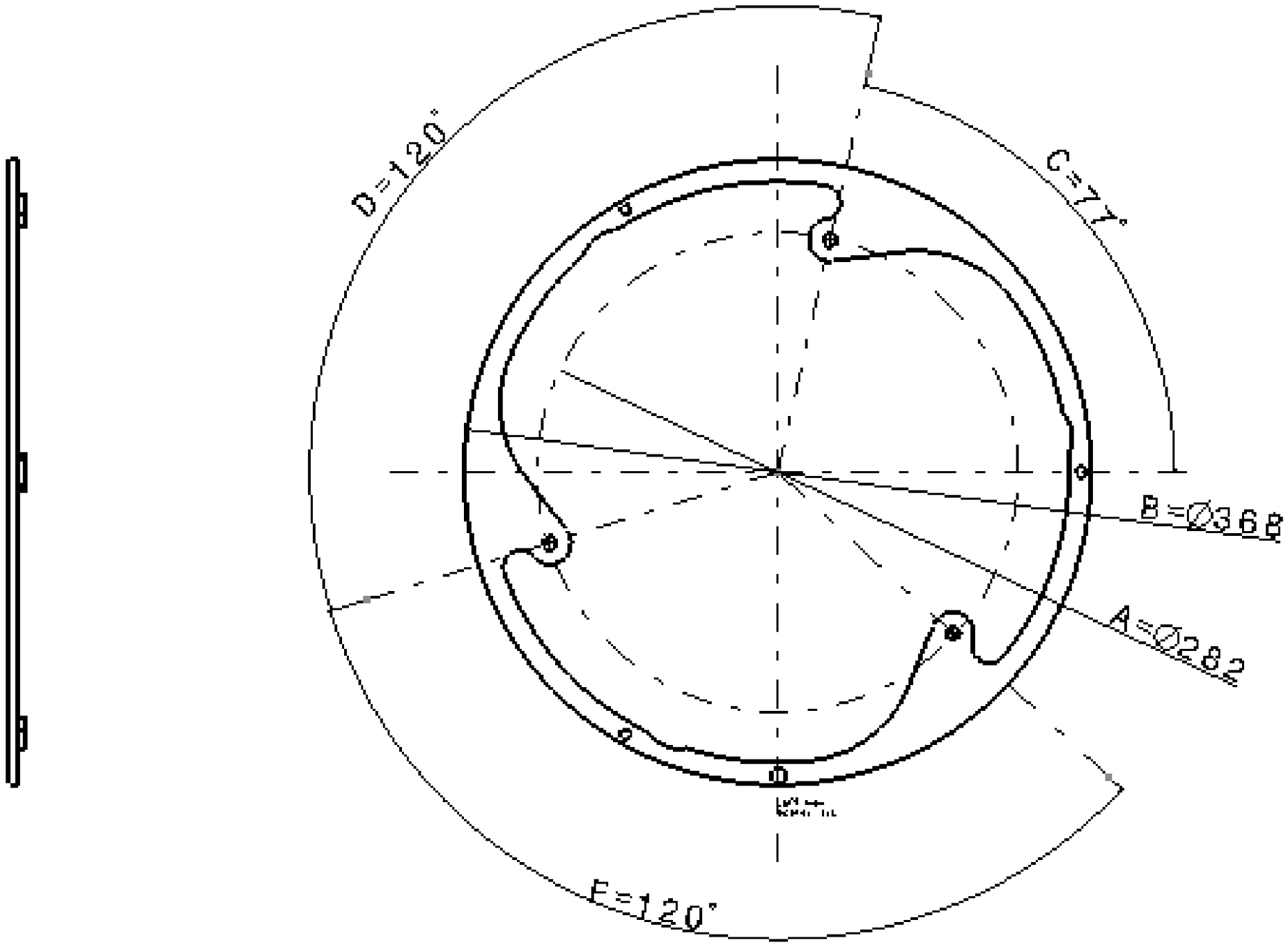


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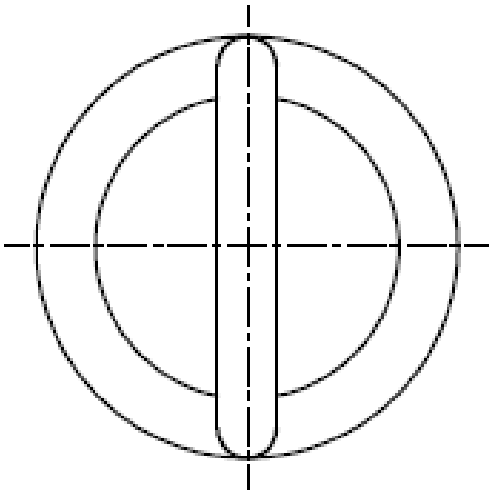


Material AL6 46 ios equivalent
Acquirire Bronco ios equivalent
Precisie ebonvis +0 06

Item/Numero	Titolino, designazione, materiale, dim				Materiale by Materiale
Designed by	Checked by	Approved by		Data	Scala
					1 : 1
INDUSTRIAL SHIELD		Parghie inferiore			
				Sheet/Foglio 1/1	


D=120°
C=77°
B=Ø36
A=Ø28
E=120°

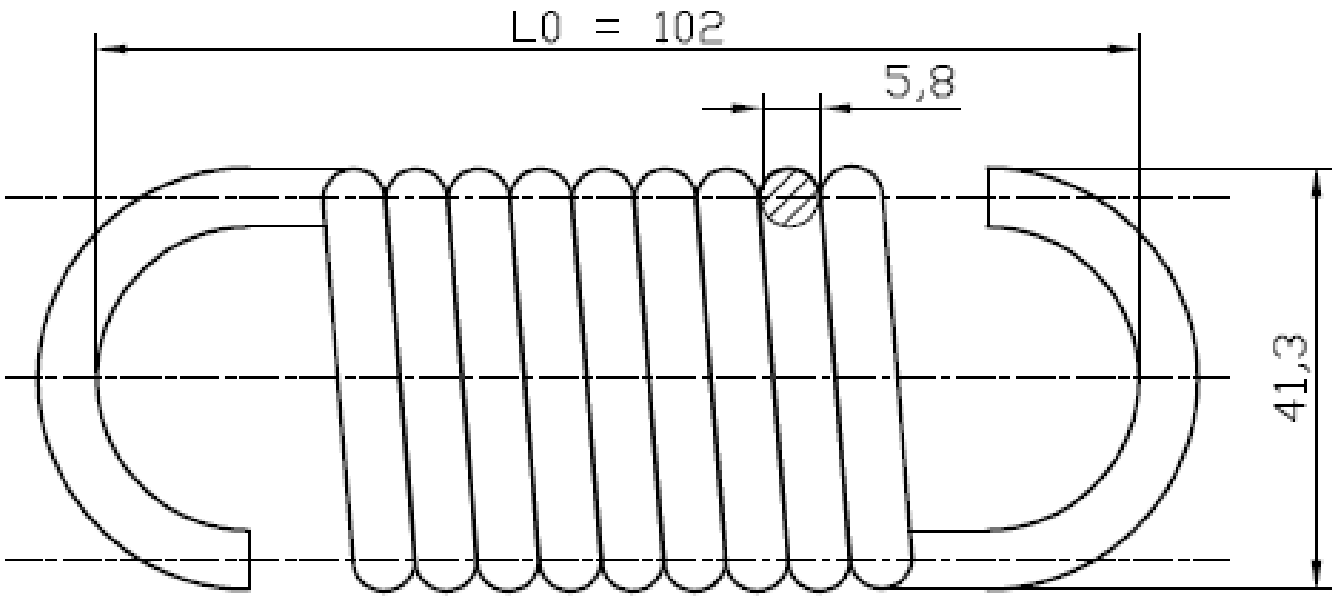
Rev.	Revision note	Date	Signature	Checked



Ref.	U.413.580.1020.-
Mat.	Stainless Steel
R	26,0385 N/mm

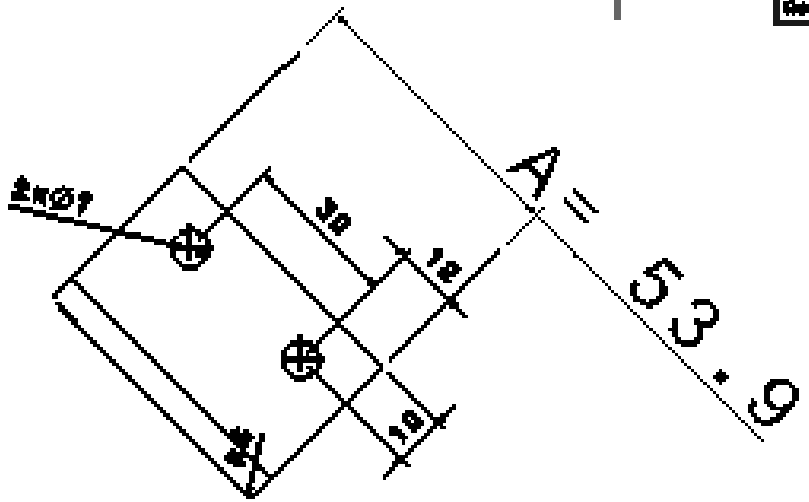
Tolerance

		Value		Grade 1	Grade 2	Grade 3	Specified
Free length (mm)	L_0	102,00	±	3,43	5,06	7,89	
Outside diameter (mm)	D_e	41,30	±	0,250	0,500	1,00	
Spring rate (N/mm)	R	28,63	±				
Loop Relationship (Deg)			±	10,33	16,40	26,23	

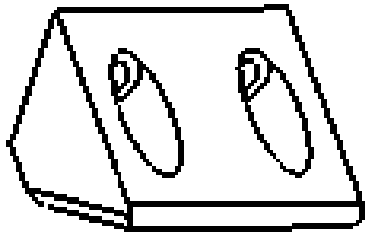


Drawn	Material	Article No./Material No.
Designed by	Checked by	Approved	File name	Date	Scale
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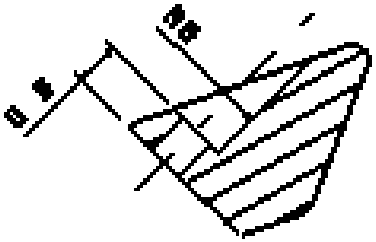
INDUSTRIAL SHIELD	Arc 1/4
SSR 0004	Edition Sheet



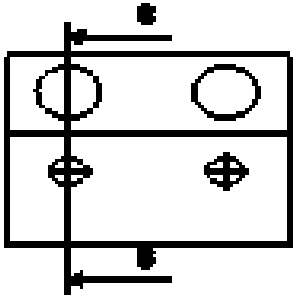
Auxiliary view A
Scale 1:1



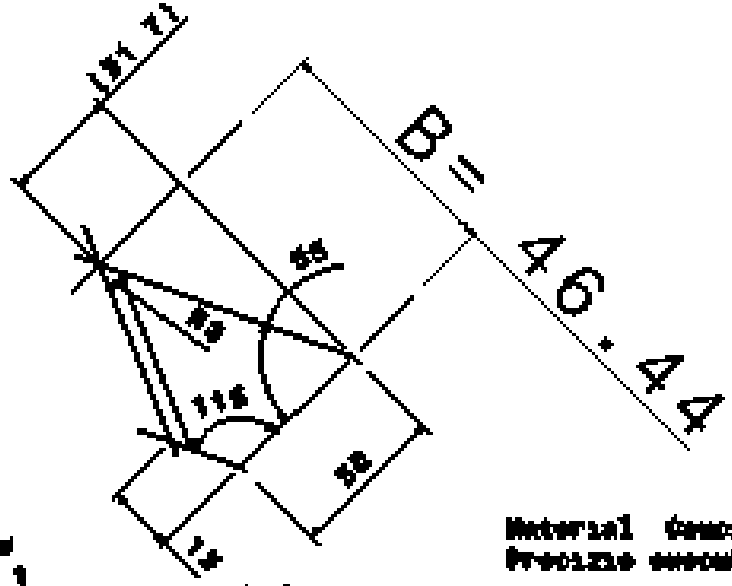
Isometric view
Scale 1:1



Section view B-B
Scale 1:1



Front view
Scale 1:1



Left view
Scale 1:1

Material Generic
Precise execution ±0.5

Designed by XXX	Checked by XXX	Approved by XXX	Drafted XXX	Date 12/04/2001	Scale 1:1
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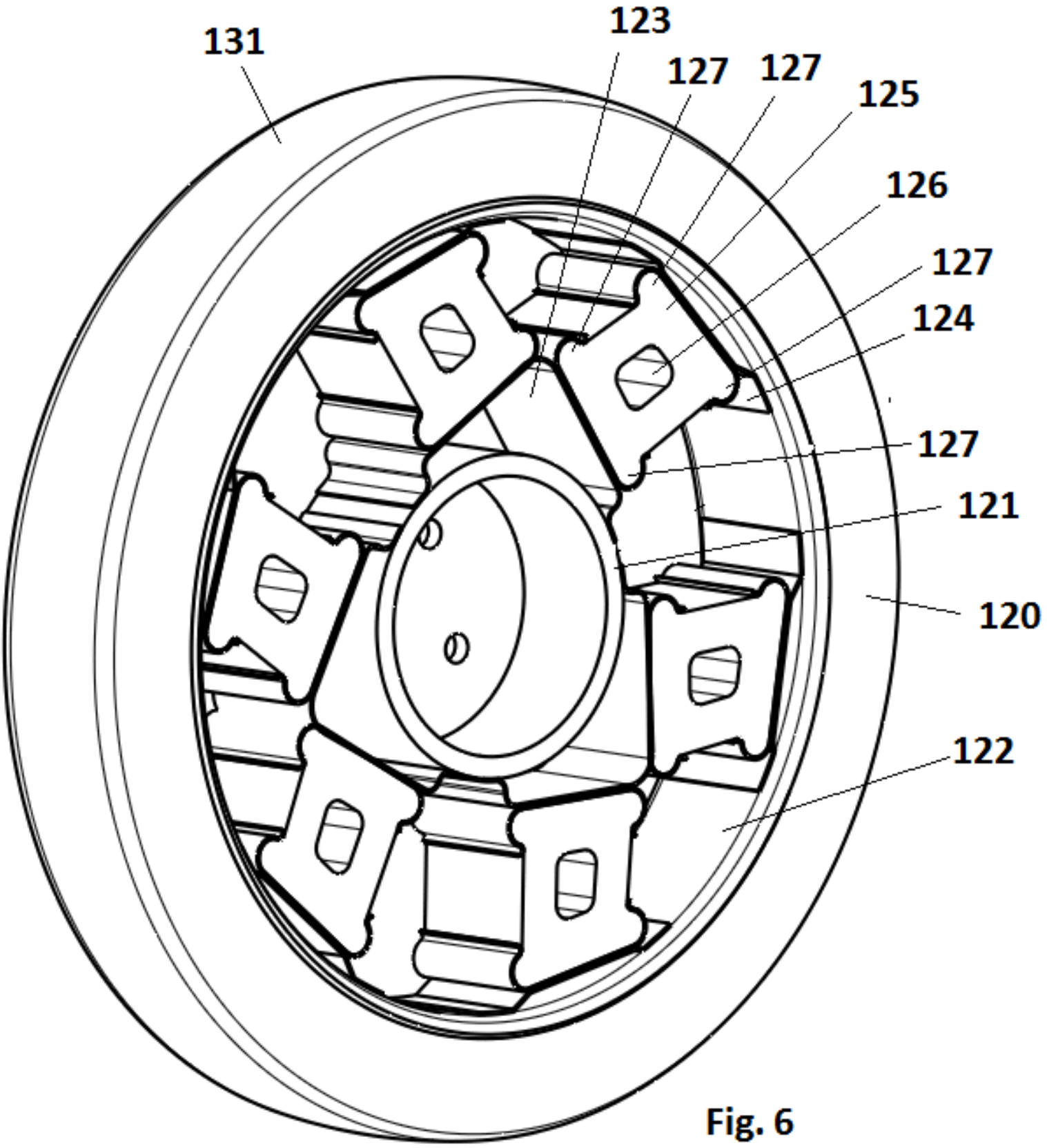


Fig. 6

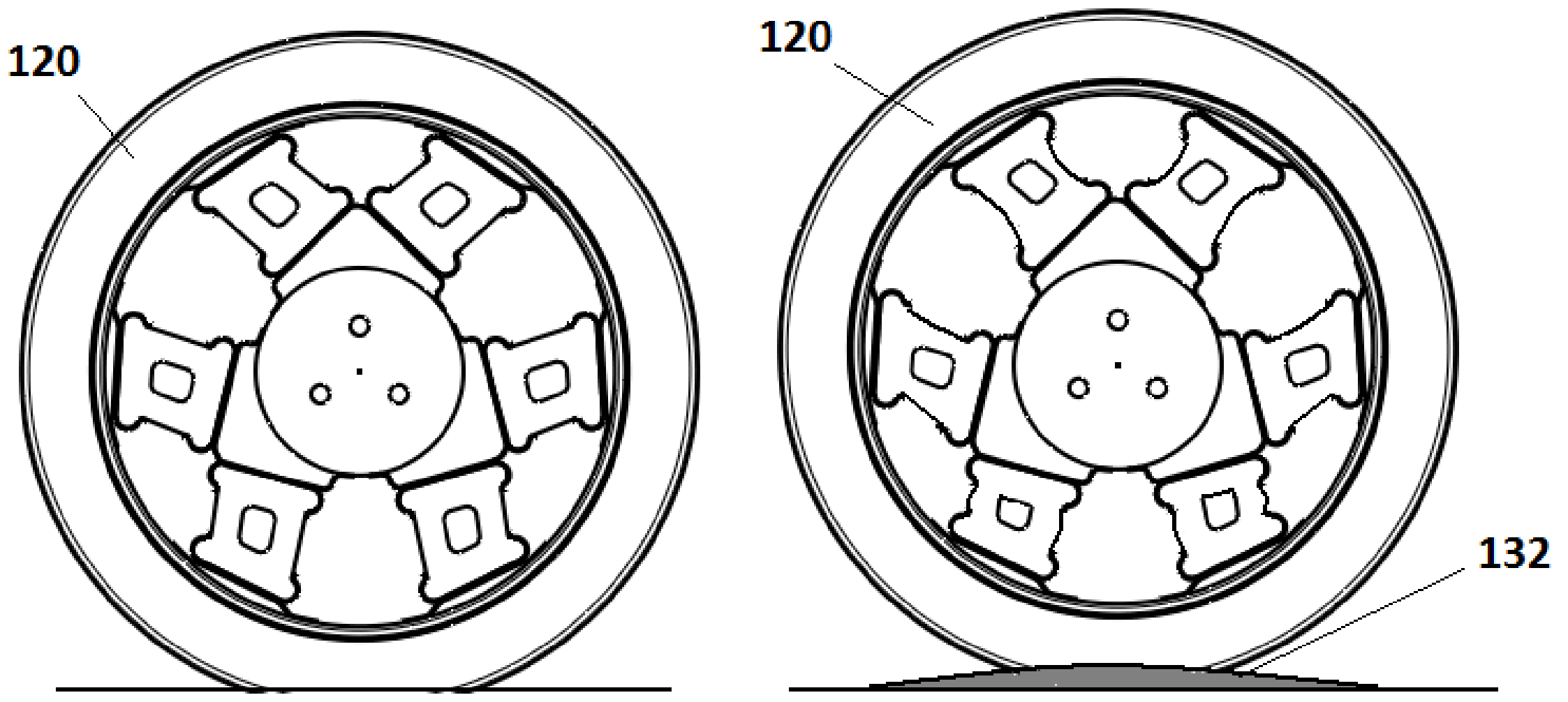


Fig. 8

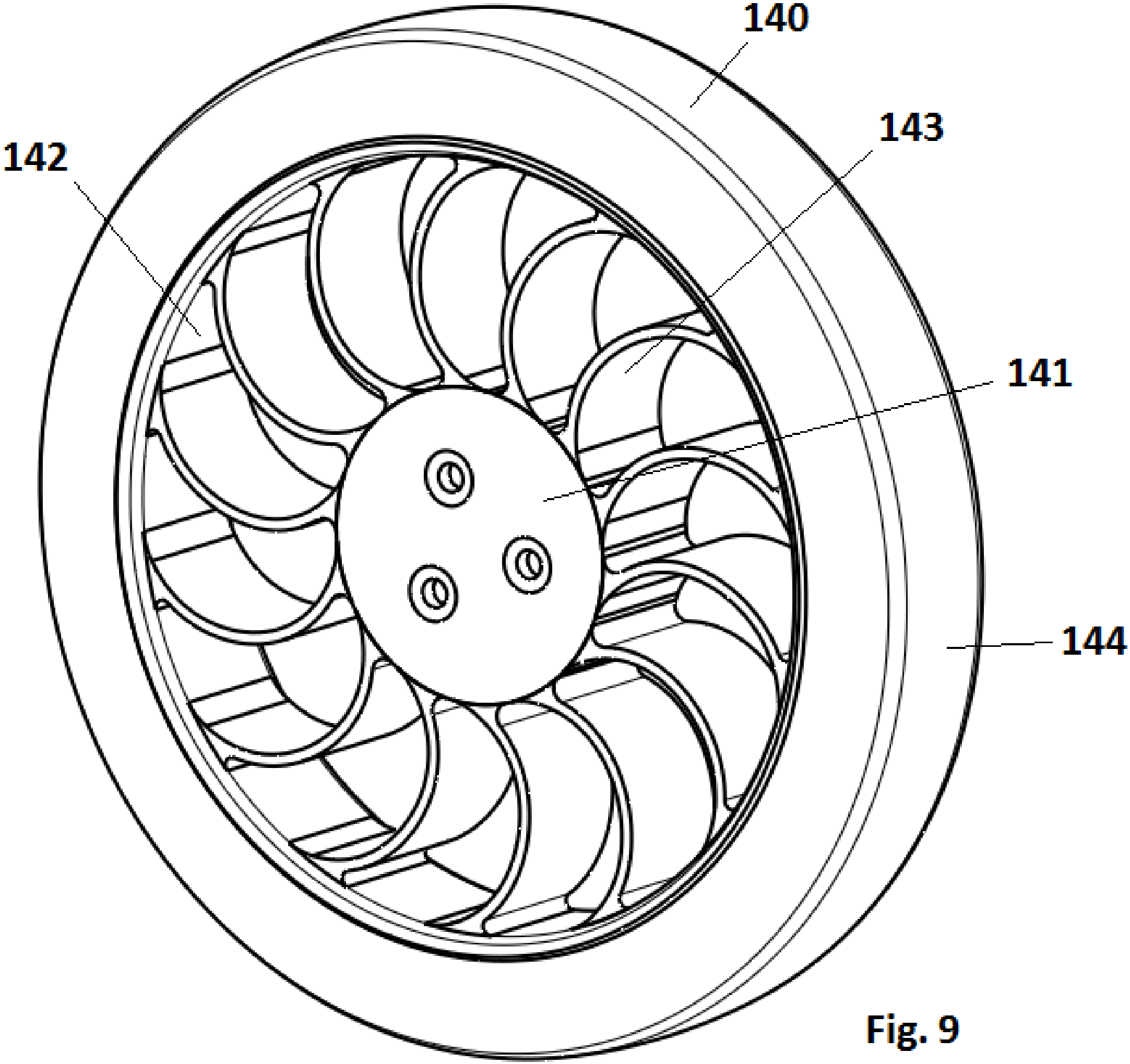


Fig. 9

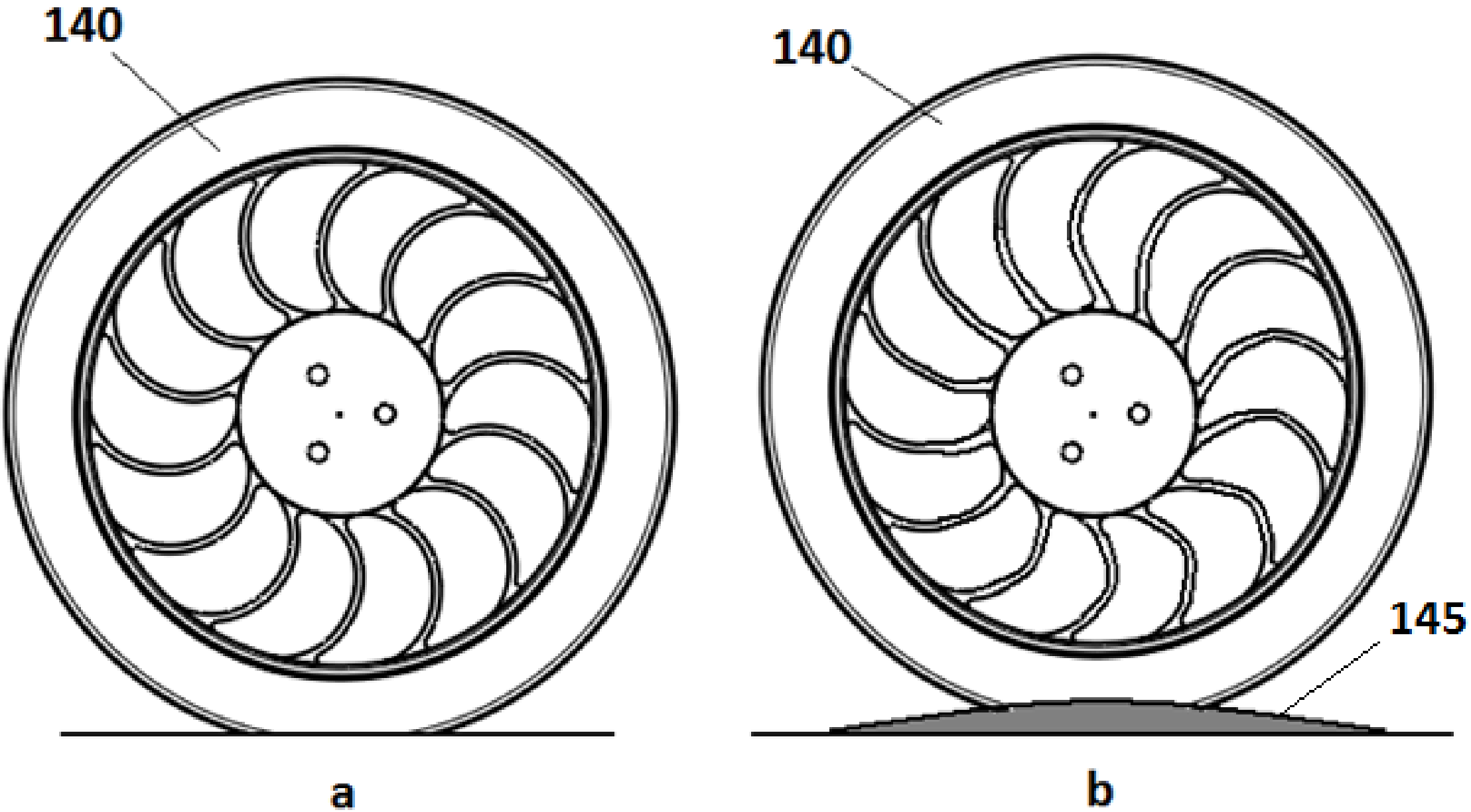


Fig. 11

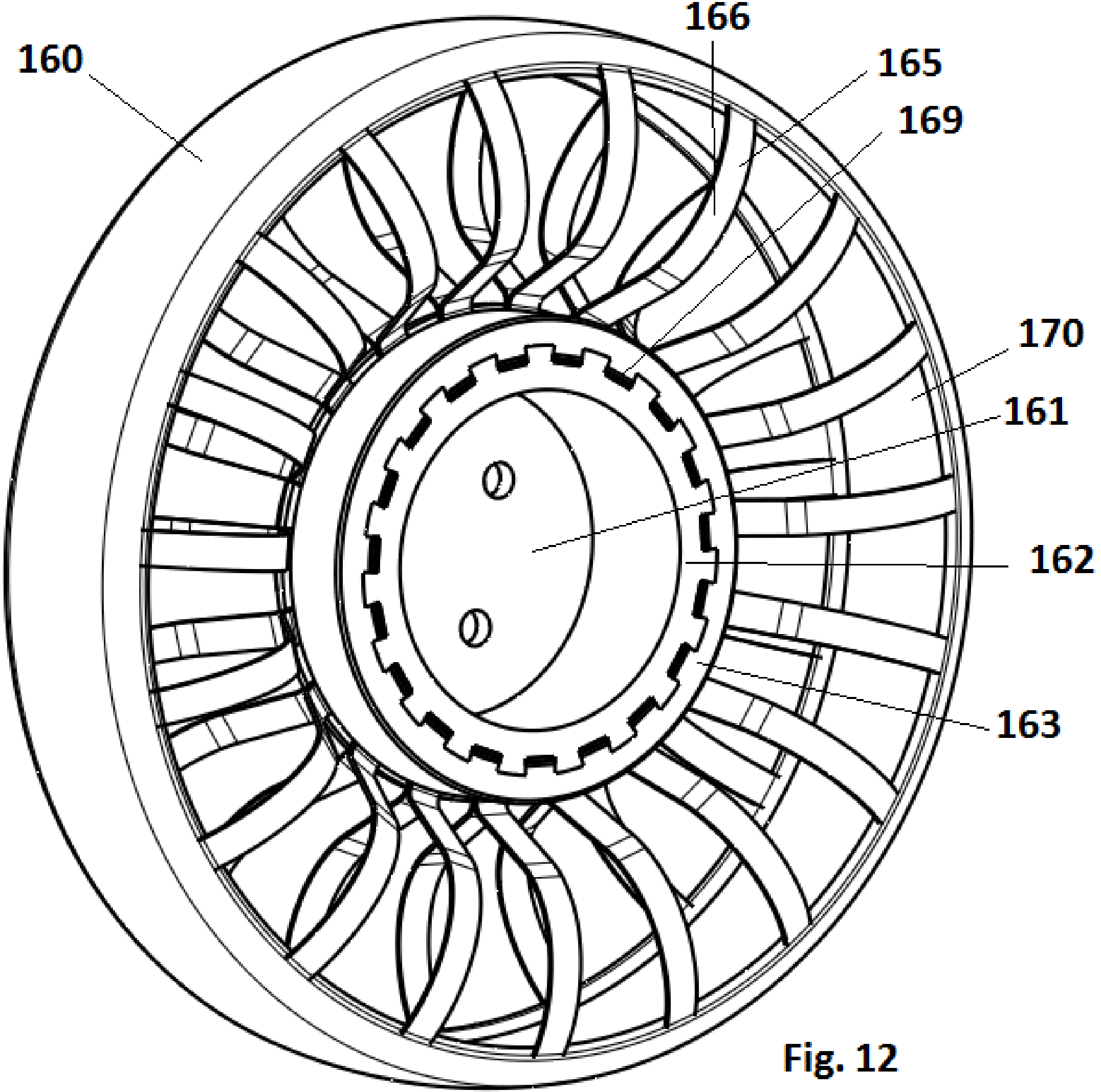


Fig. 12

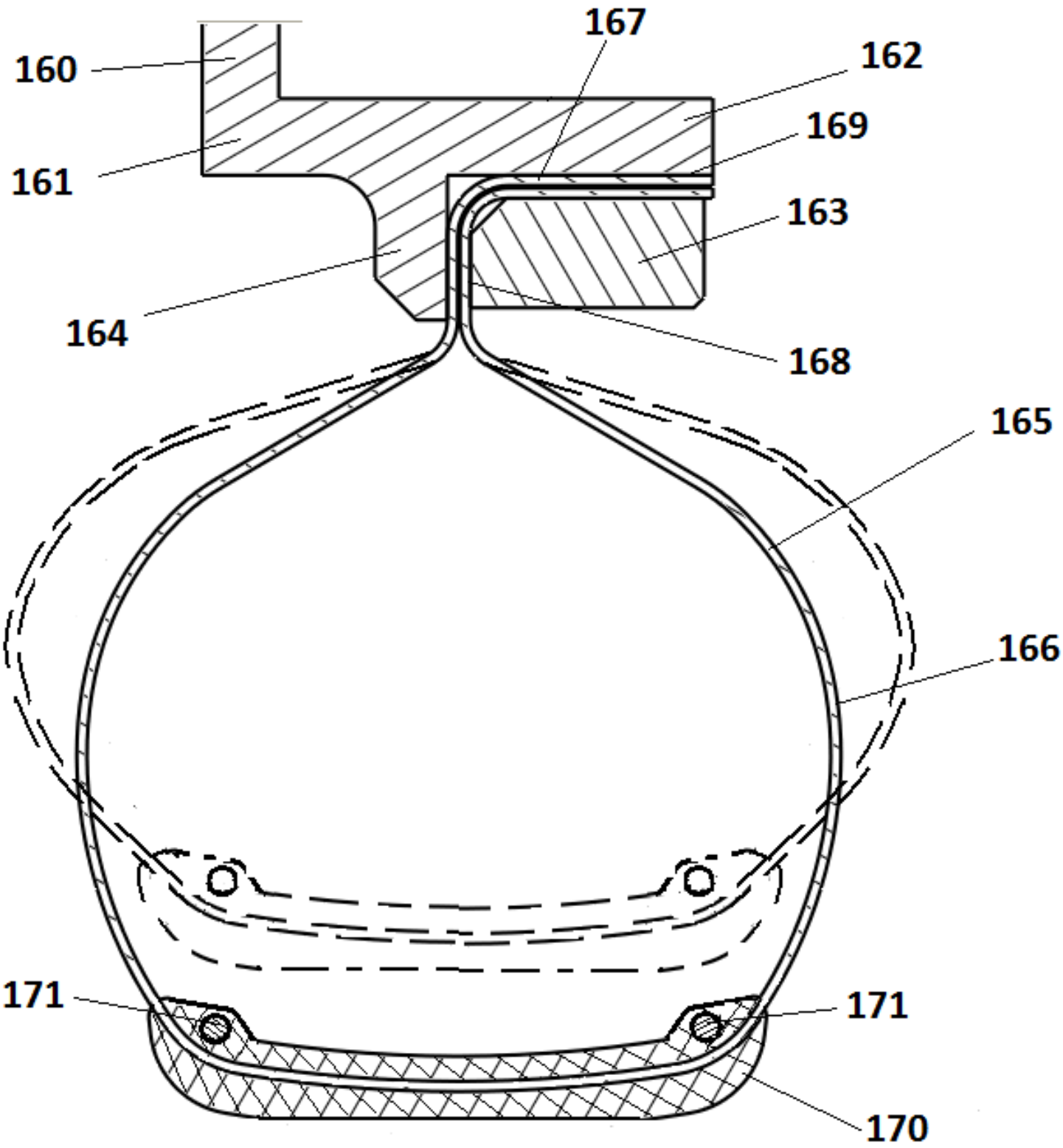


Fig. 13

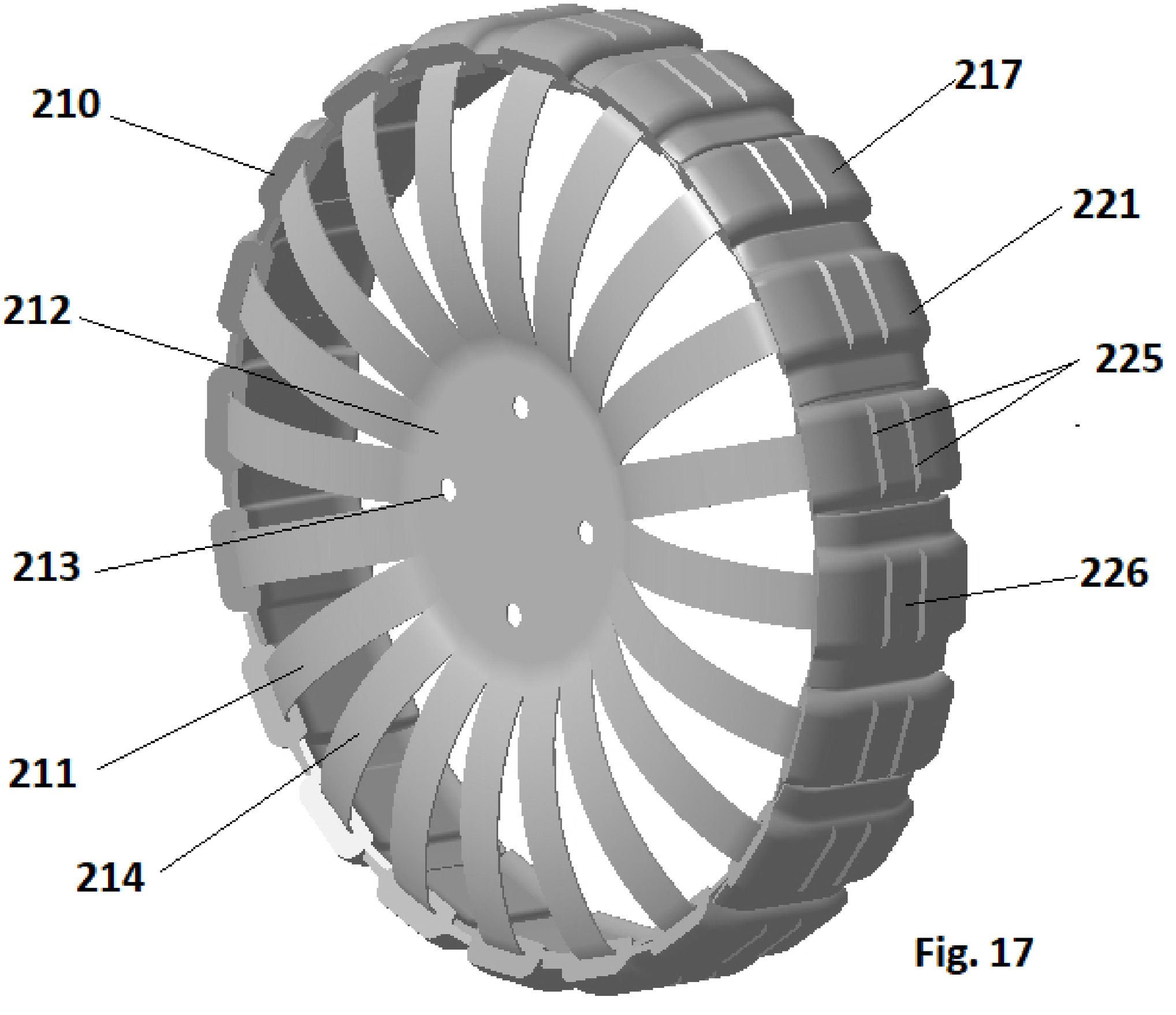
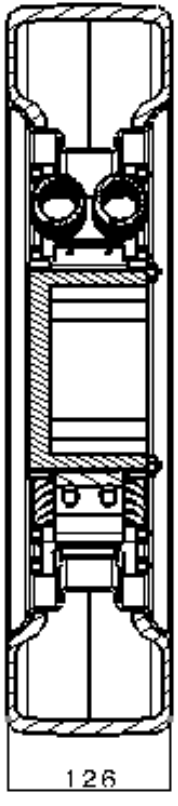
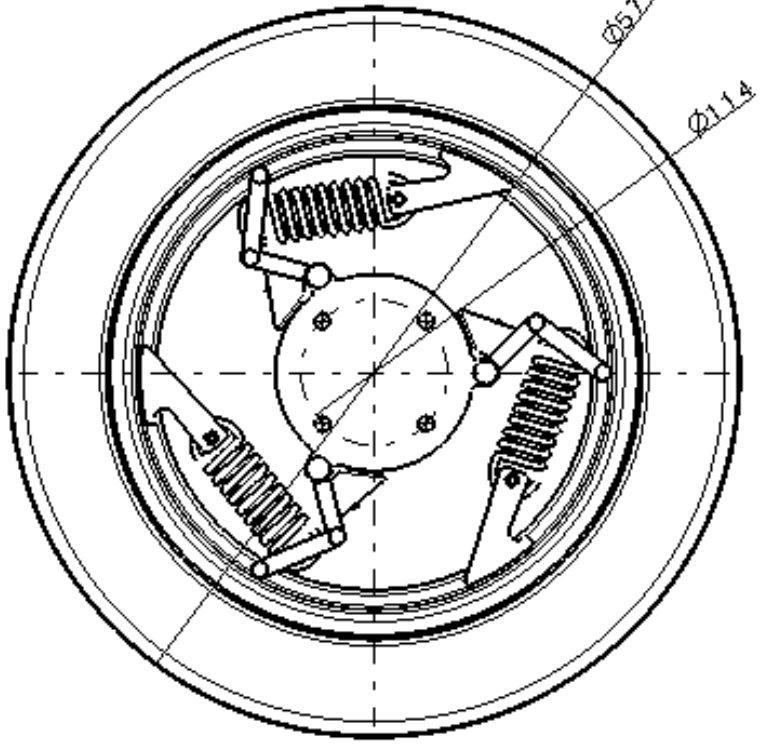
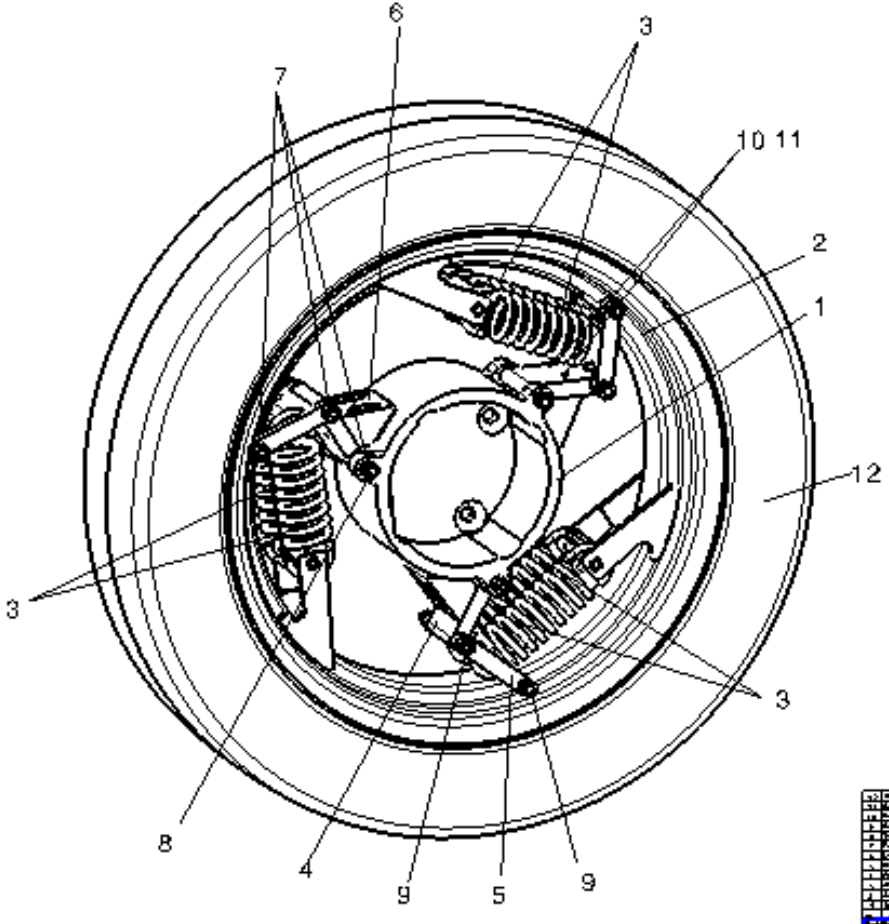
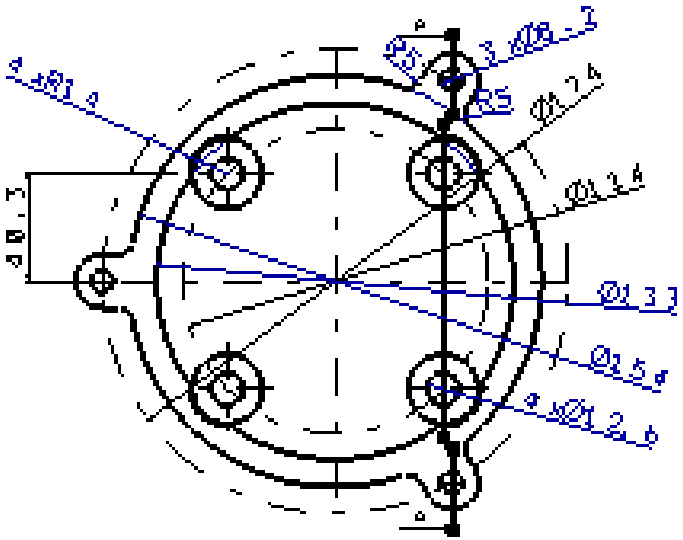


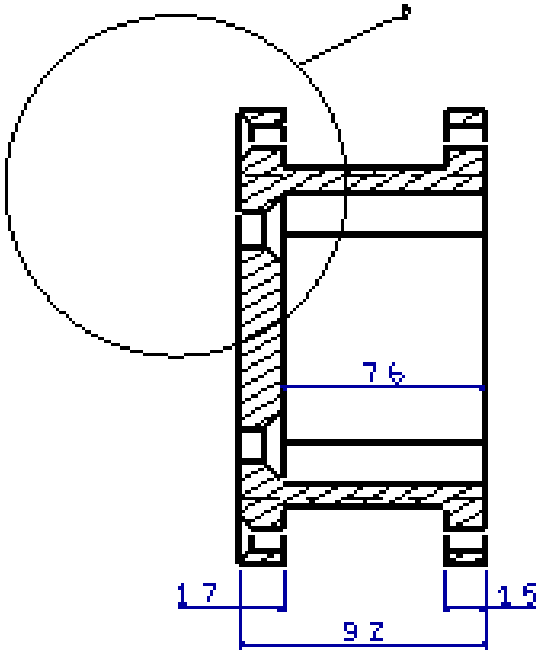
Fig. 17


126

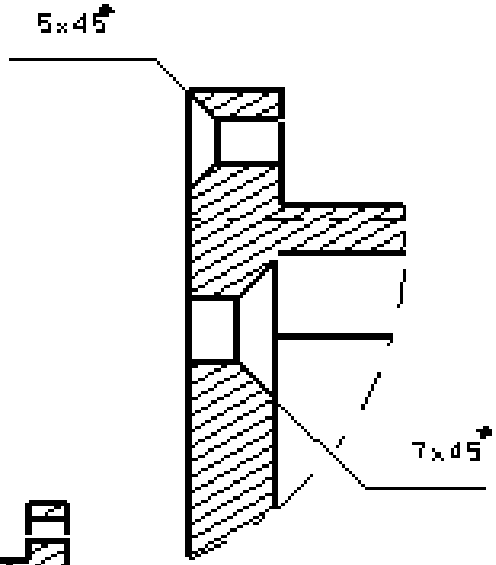

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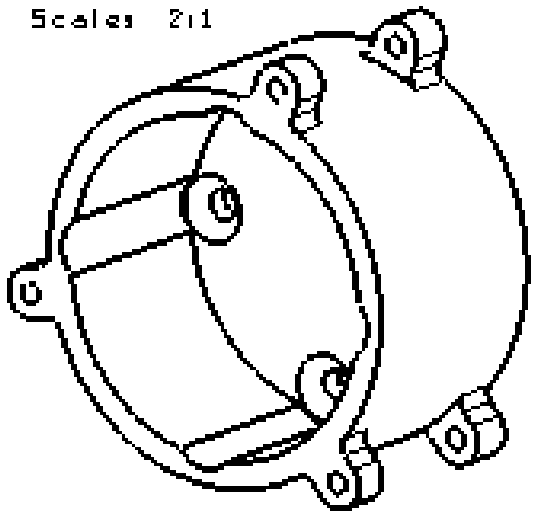




Section view A-A
Scale: 1:1



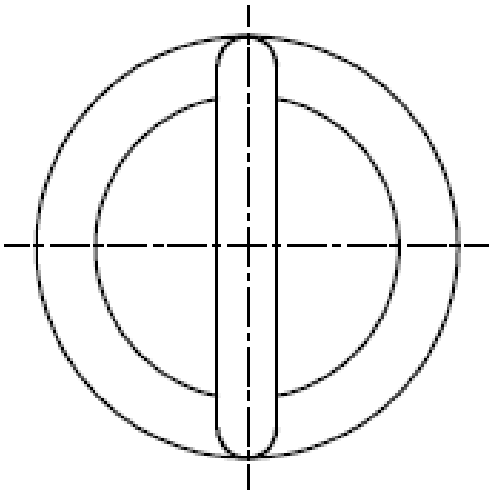
Detail B
Scale: 2:1



Isometric view
Scale: 1:1

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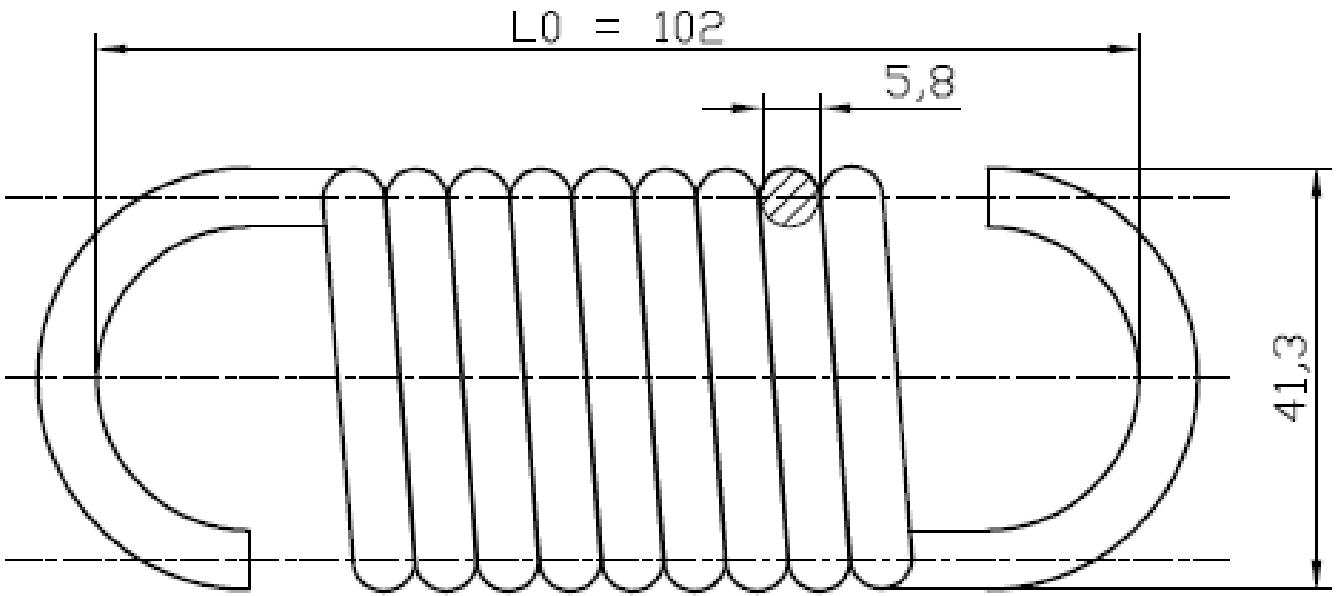
Rev.	Revision note	Date	Signature	Checked



Ref.	U.413.580.1020.-
Mat.	Stainless Steel
R	26,0385 N/mm

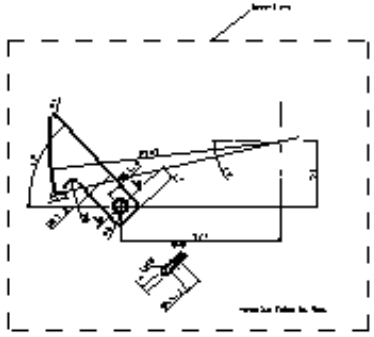
Tolerance

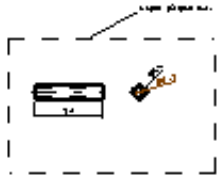
		Value		Grade 1	Grade 2	Grade 3	Specified
Free length (mm)	L_0	102,00	±	3,43	5,06	7,89	
Outside diameter (mm)	D_e	41,30	±	0,250	0,500	1,00	
Spring rate (N/mm)	R	28,63	±				
Loop Relationship (Deg)			±	10,33	16,40	26,23	

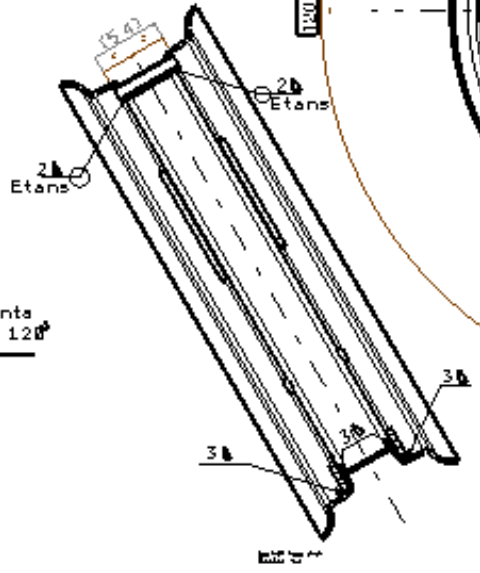


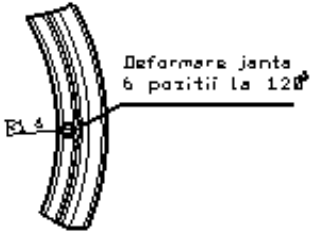
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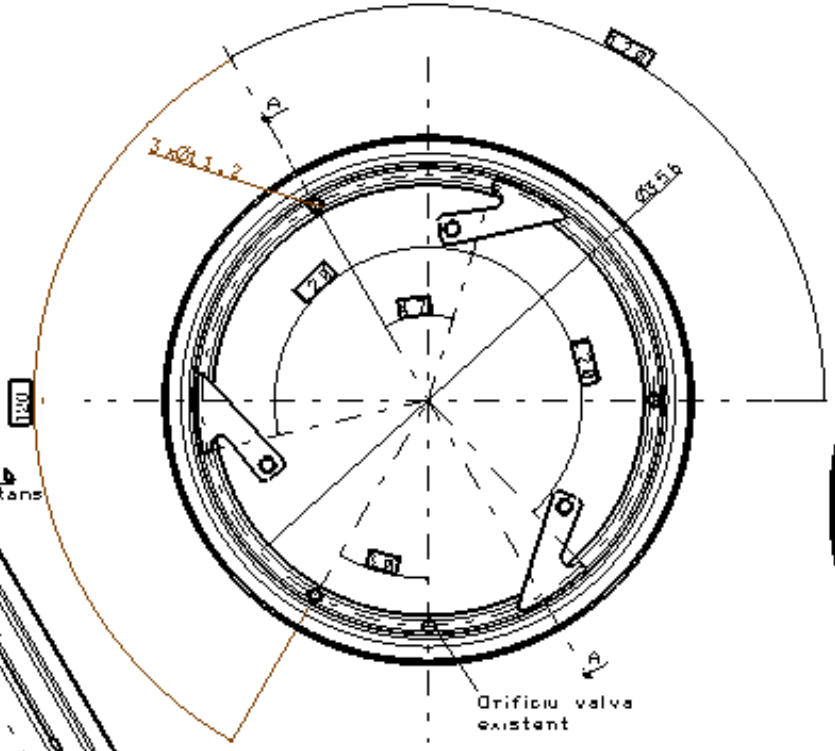
INDUSTRIAL SHIELD	Arc 1/4
SSR 0004	Edition Sheet

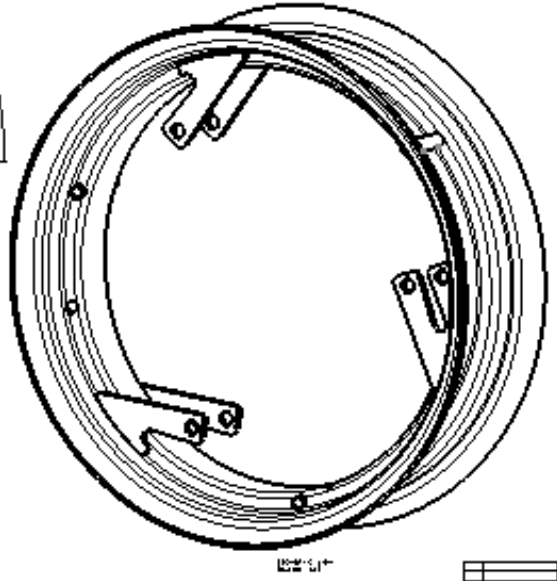


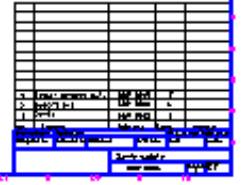



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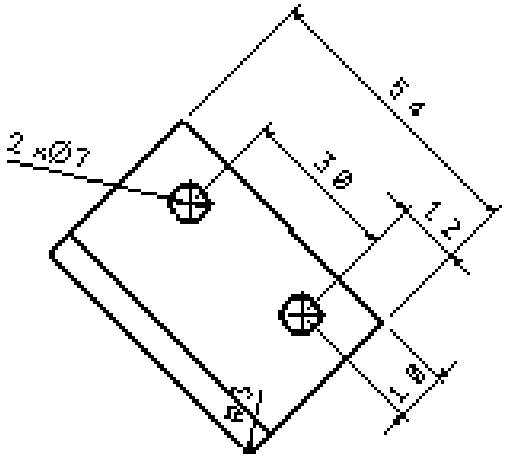

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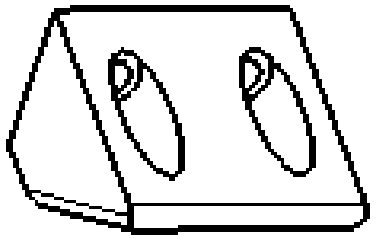




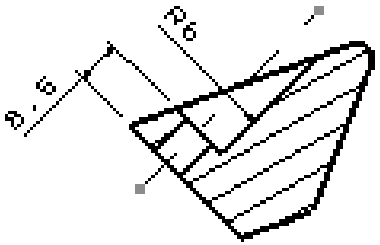
Rev.	Revision note	Date	Signature	Checked



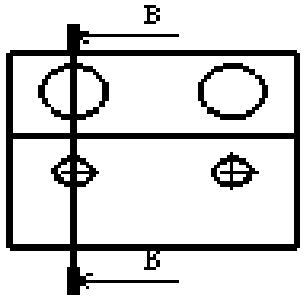
Auxiliary view A
Scale: 1:1



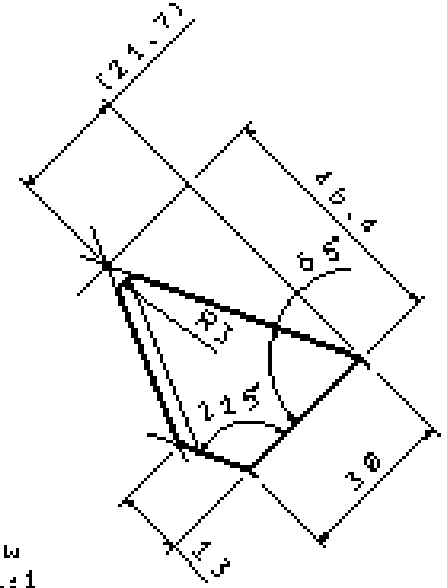
Isometric view
Scale: 1:1



Section view B-B
Scale: 1:1



Front view
Scale: 1:1

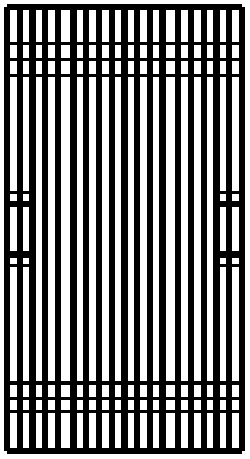


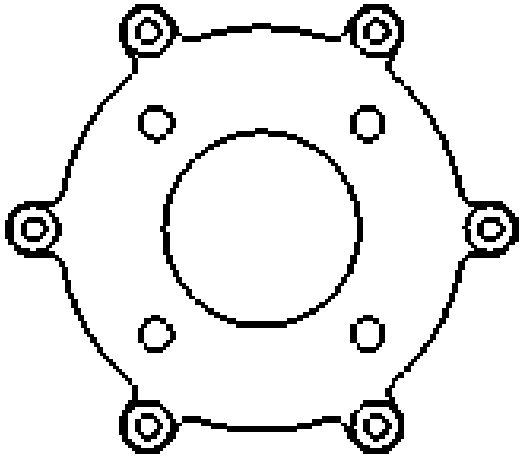
Left view
Scale: 1:1

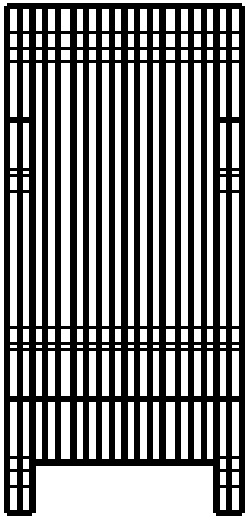
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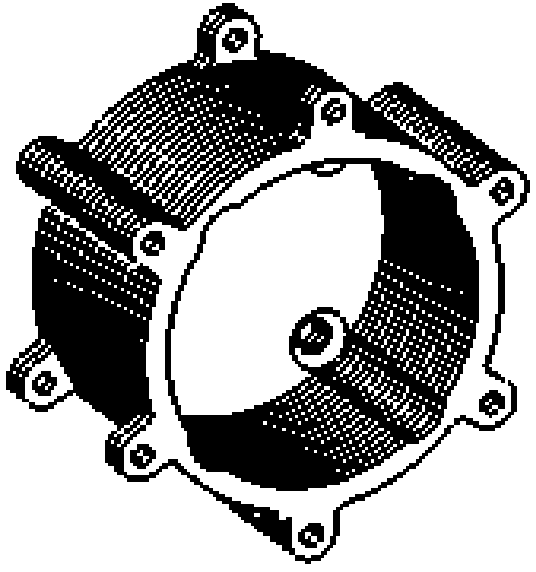
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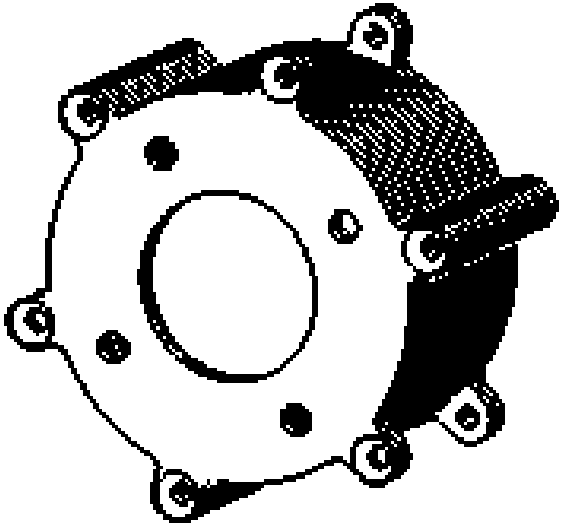
INDUSTRIAL SHIELD	Limitator		
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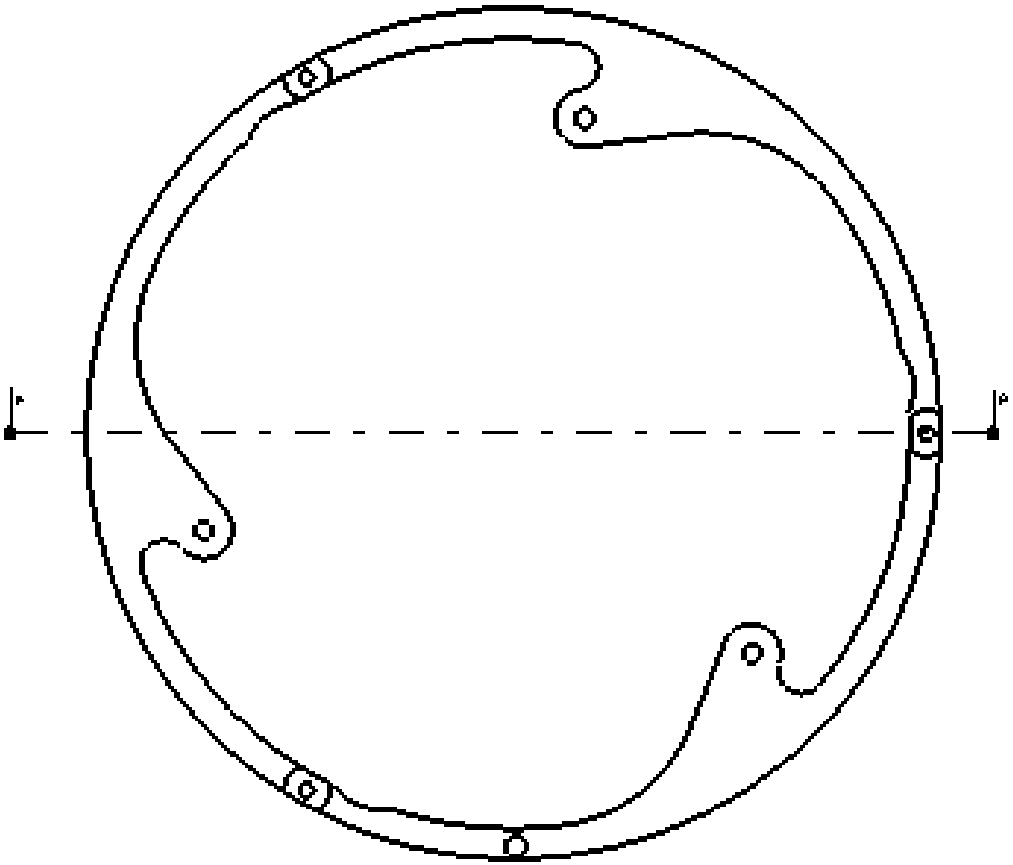


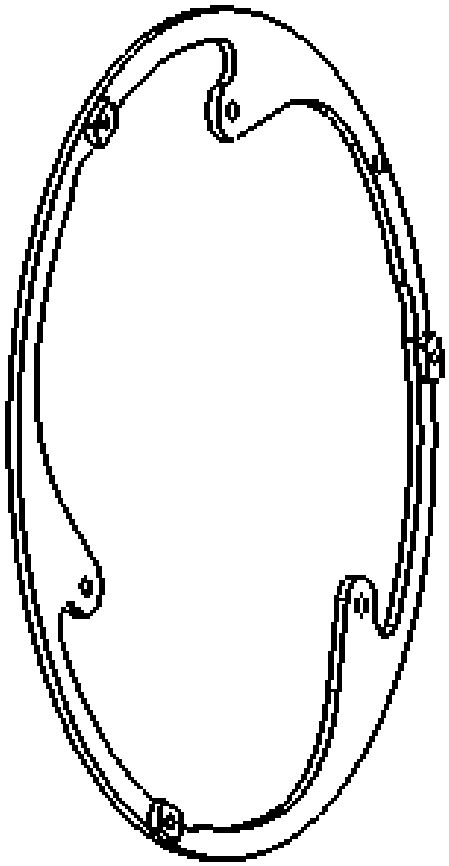






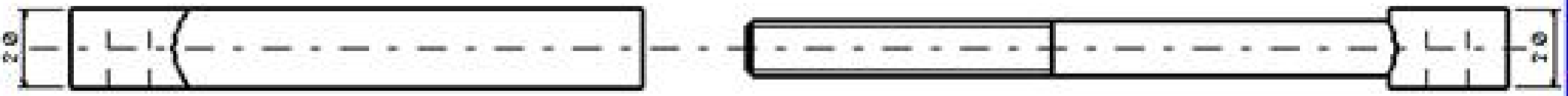




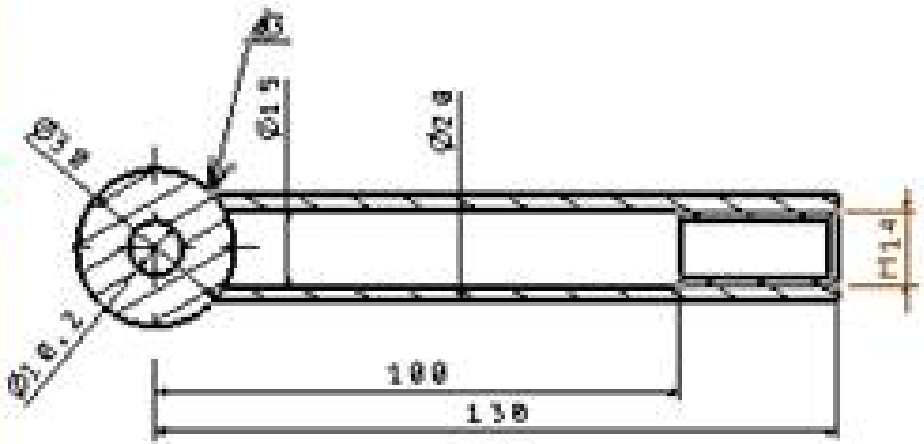


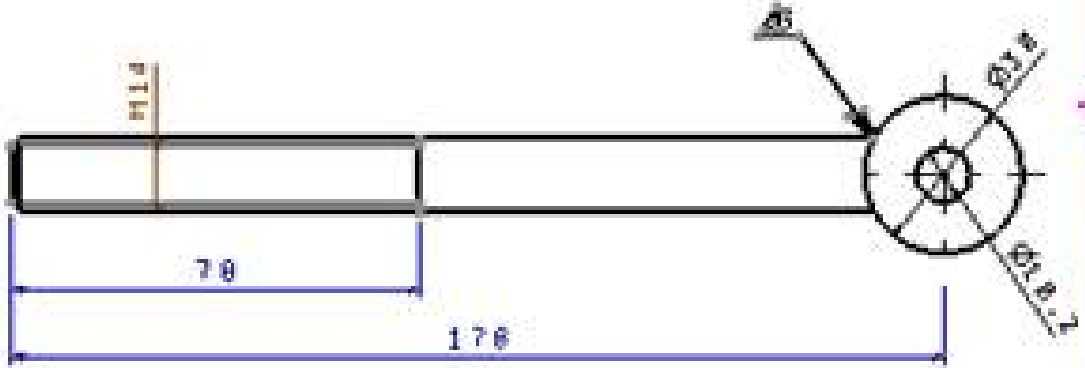


Disc 1



Left view
Scale: 1:1





Auxiliary view A
Scale: 1:1

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