ROKR™

TREASURE BOX-LK502

3D WOODEN PUZZLE

MECHANICAL MODELS



ASSEMBLY INSTRUCTION

Warnings:

The product is for people who ages over 14. Children must assemble under the guidance of adults

Notes:

1. Stow the small parts carefully after taking them off from the board in case of missing
2. Take off the parts and assemble with care
3. Use the sandpaper to polish the rough edges after taking the parts off if needed
4. Keep the manual well for future reference

Maintenance:

1. Keep the product away from the source of ignition and don't soak it into water in case of the damage to the toy
2. Do not use chemical reagents like alcohol, ammonia water, or window cleanser to clean the product
3. Use clean and soft fabric to clean the product

Manufacturer:
Robotime Technology (Suzhou) Co.,Ltd.
Manufacturer Address:
5#, 3rd Floor, Building C, Ascendas-Xinsu Industrial Square, No.5 Xinghan Street, Suzhou Industrial Park, Jiangsu, China.
Post code: 215021
All our products have been applied for patents and we preserve the right to pursue legal actions against counterfeiting!
Please visit our website:
http://www.robotime.com



FAQ:

Problem	Cause	Solution
The box cannot be opened after the password is turned correctly	1. There is not enough lubrication between parts and parts 2. The password is one of the passwords in the unconfigurable password table 3. Wedge insertion direction is wrong, there is a difference between the silk screen side and back silk screen side 4. The rotation between the latch and the password disc P1, P2, P3 is not smooth 5. The latch is not fully retracted into the box	1. Fully wax the contact part of the part 2. Reselect password 3. Check the instructions carefully and follow the correct instructions to install 4. Repeat grinding and waxing of parts until lubrication 5. When all the unlocking steps are completed and you hear the click sound, turn the knob in the direction of the "unlock" icon on the cassette

Special attention in assembly

Polish the parts with sandpaper

Make sure the parts could rotate freely

Make sure the gears are appropriately engaged with each other

Complete 2 pieces

Use the utility knife to cut off the stick

Perspective changed. Rotate the product based on the direction of arrow

Wax or lubricant needed

Step1 Step2 Step3

Wooden board with silk screens, printed side

Wooden board without silk screen, back side

Parts List

Item	Round Stick	Wax	Rubber Ring
Code	T1	T2	T3
Illustration	 L=65mm		
Quantity	10	1	2



After the unlocking step is completed, turn the knob in the direction shown to lock and open the lid.

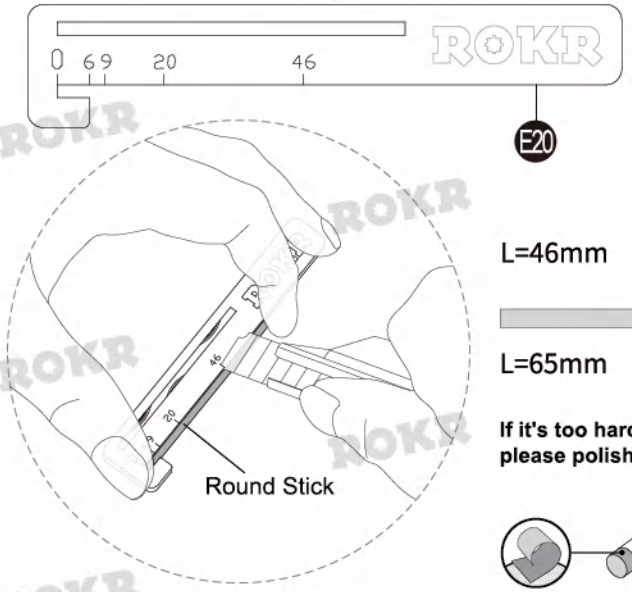


After opening the lid, turn the key in the direction shown to open and close the inner box.

Unconfigurable password（190/1000）

009	109	209	309	409	509	609	709	800	909
010	110	210	310	410	510	610	710	801	910
020	121	221	321	421	521	621	721	802	911
021	130	232	332	432	532	632	732	803	912
022	131	240	343	443	543	643	743	804	913
023	132	241	350	454	554	654	754	805	914
024	133	242	351	460	565	665	765	806	915
025	134	243	352	461	570	676	776	807	916
026	135	244	353	462	571	680	787	808	917
027	136	245	354	463	572	681	790	809	918
028	137	246	355	464	573	682	791	810	919
029	138	247	356	465	574	683	792	821	921
032	139	248	357	466	575	684	793	832	932
043	143	249	358	467	576	685	794	843	943
054	154	254	359	468	577	686	795	854	954
065	165	265	365	469	578	687	796	865	965
076	176	276	376	476	579	688	797	876	976
087	187	287	387	487	587	689	798	887	987
098	198	298	398	498	598	698	799	898	998

Before setting the password, please check the unconfigurable password table to ensure that the password can be set successfully.



1:1

L=6mm

L=9mm

L=20mm

L=46mm

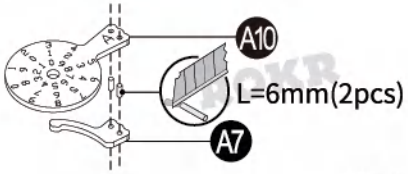
L=65mm

If it's too hard to put the round stick in the hole, please polish the both ends.



1

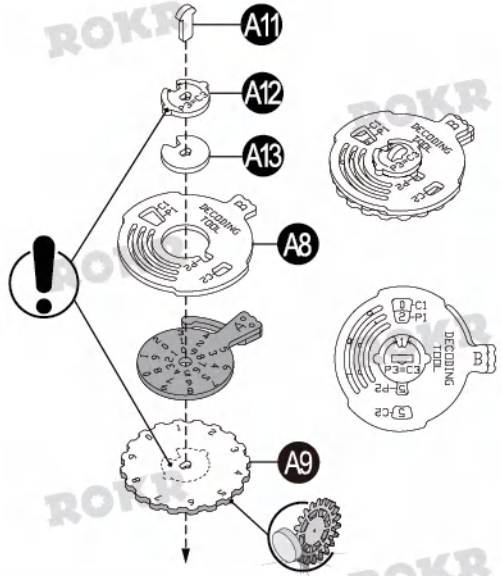
Assemble decoding tool before setting password

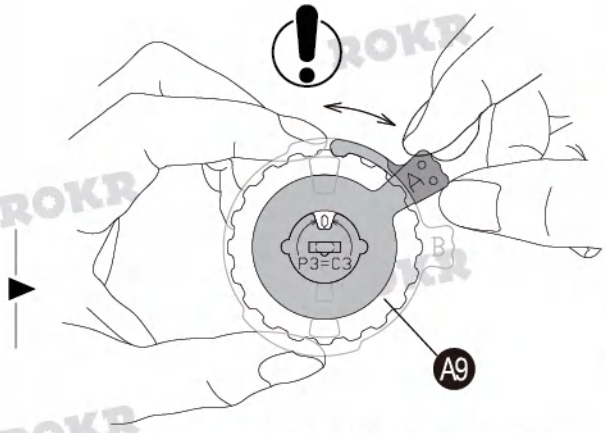


L=6mm(2pcs)

T1 1:1







Decode from the last figure of the password

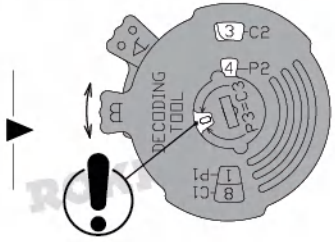
Hold the A9 part with your left hand and turn the handle A with your right hand to find C3.

eg: C3=_0_ → P3=_0_

C3=___ → P3=___

Write down your password C1 ___ C2 ___ C3 ___

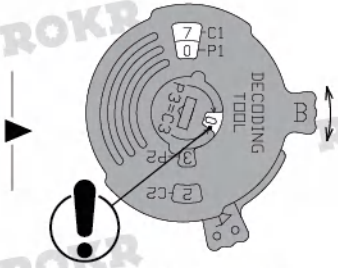
(Please check the unconfigurable password table to ensure that the password can be set successfully!)



Turn handle B, find C2, determine P2, make sure that the number in C3 does not change when determine P2.

eg: C2=_3_ → P2=_4_

C2=___ → P2=___



Turn handle B, find C1, determine P1.

eg: C1=_7_ → P1=_0_

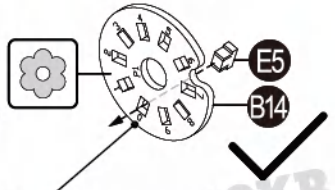
C1=___ → P1=___

2

eg: Code:730, P1=0, P2=4, P3=0

Your Code: _____, P1= ___, P2= ___, P3= ___

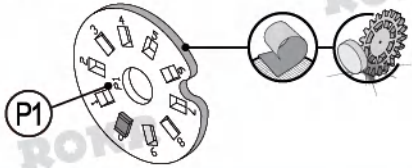
(If doubt about the correctness of the P1, P2, P3 you obtained, please refer to the C - P comparison chart on pages 24 - 25 of the instruction.)

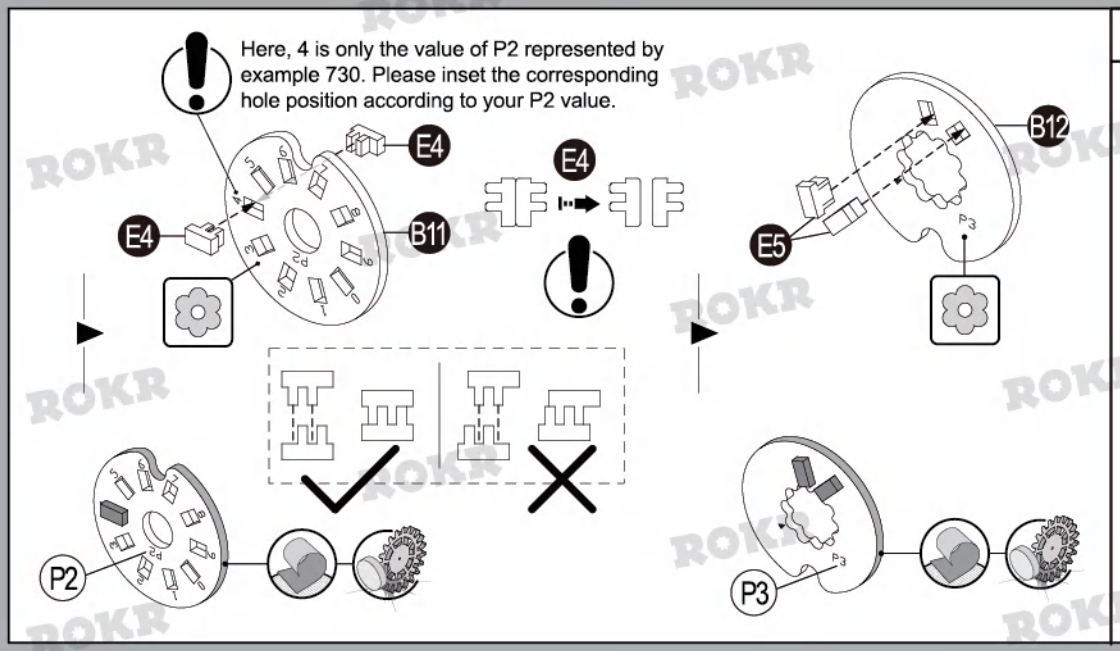


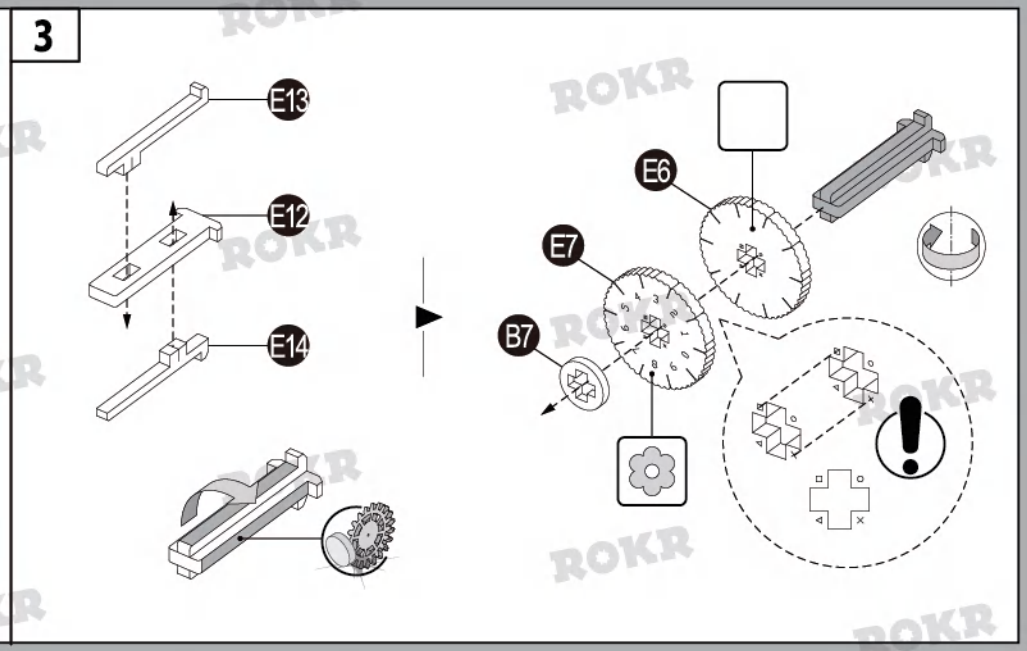


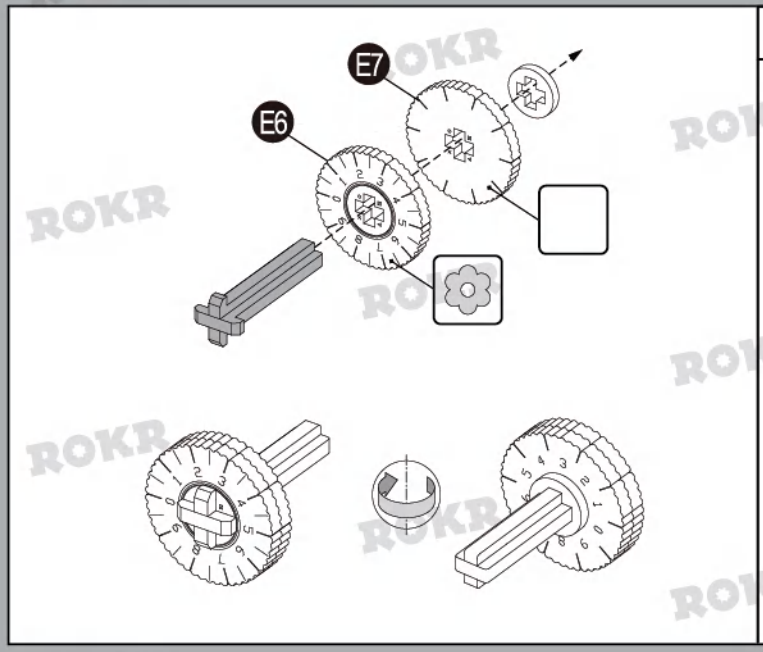
Here, 0 is only represents the P1 value in the example of 730. Please insert the corresponding hole position according to your P1 value.

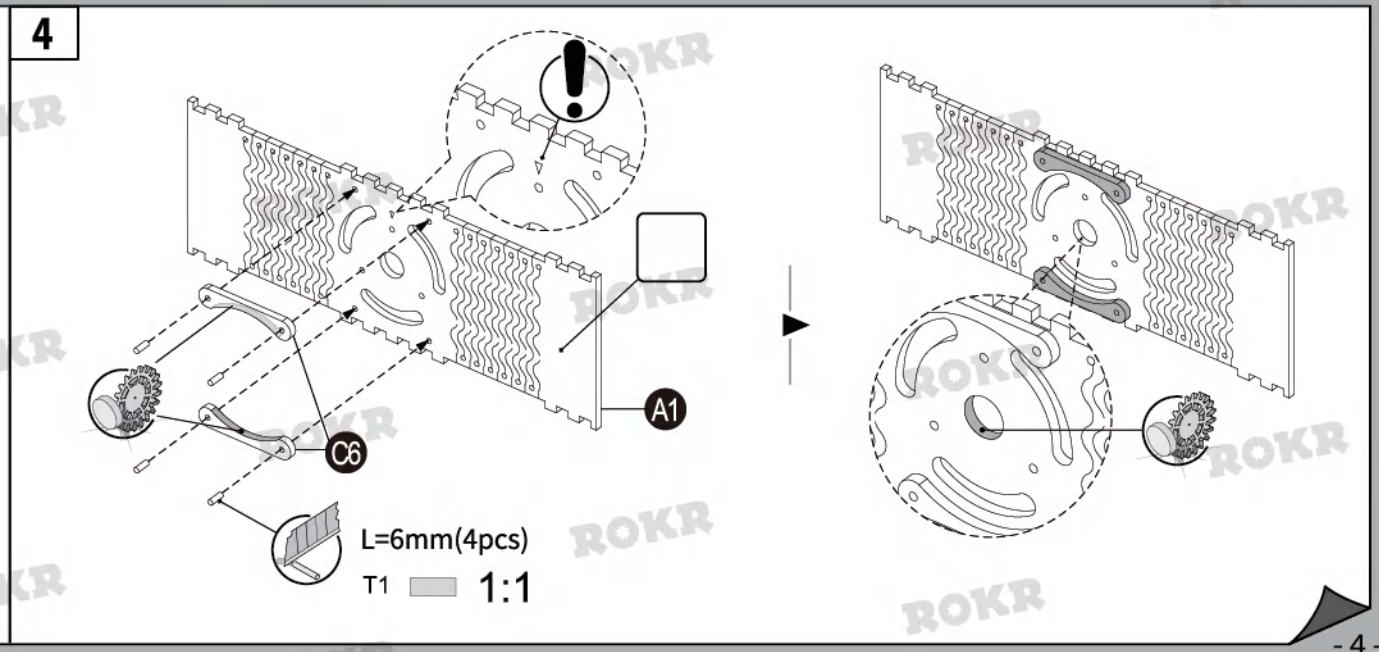


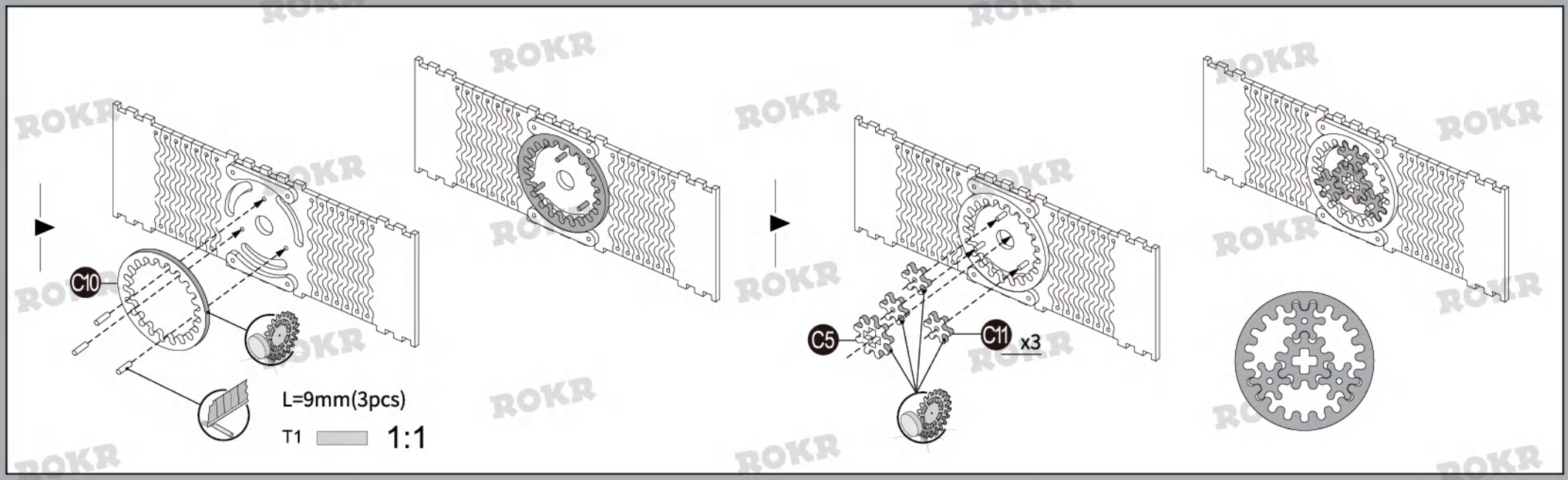


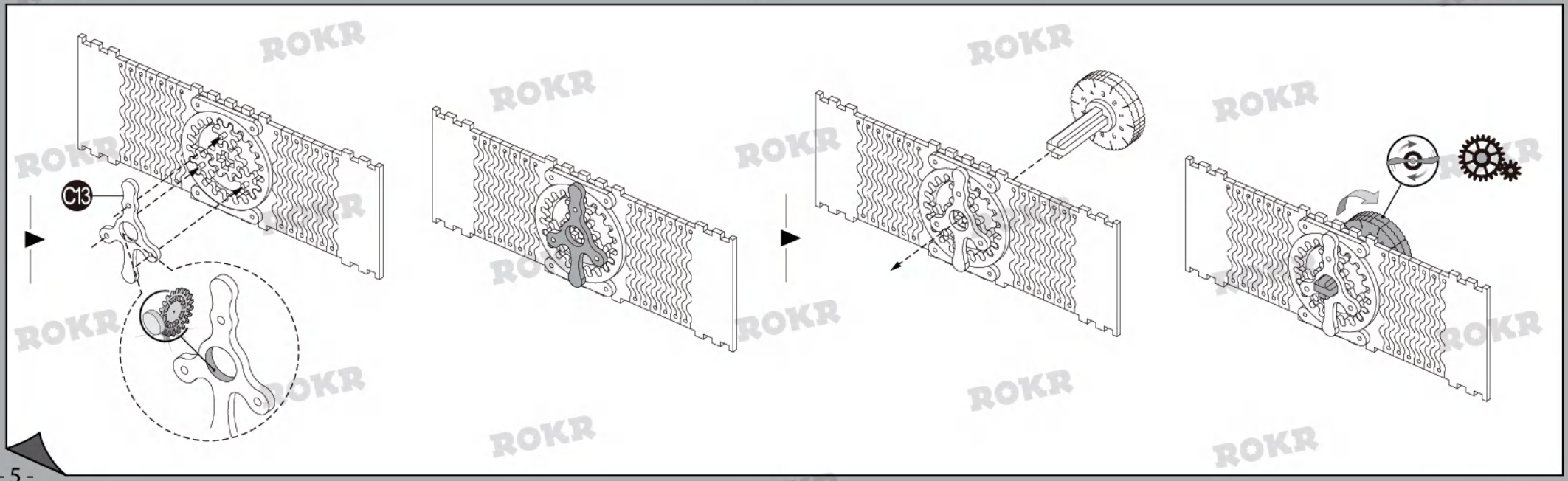

Here, 4 is only the value of P2 represented by example 730. Please inset the corresponding hole position according to your P2 value.
E4
E4
E4
B11
B12
E5
P2
P3


3
E13
E12
E14
E6
E7
B7

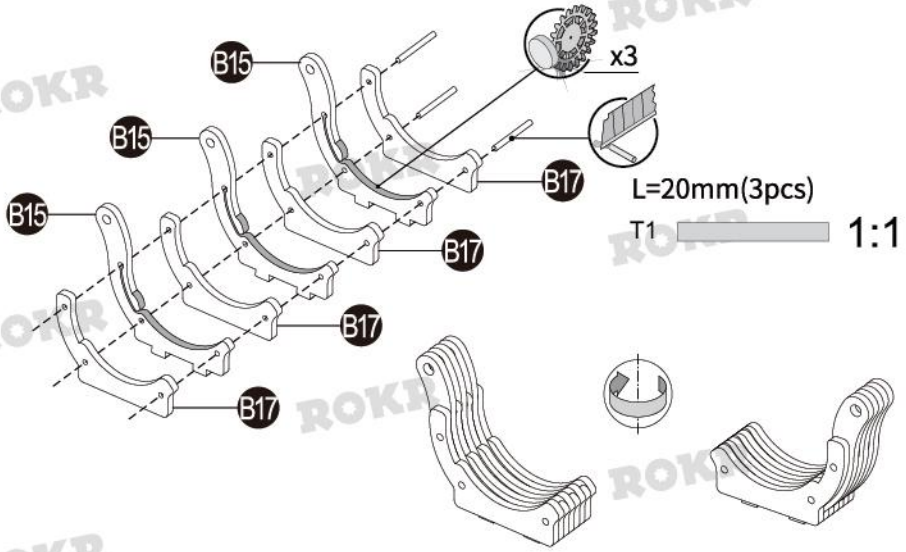

E7
E6

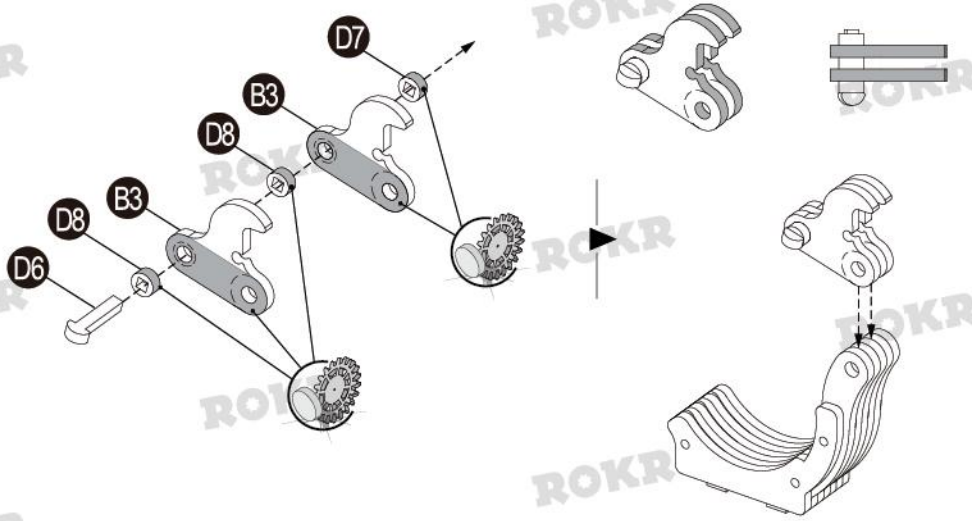

4
A1
C6
L=6mm(4pcs)
T1
1:1

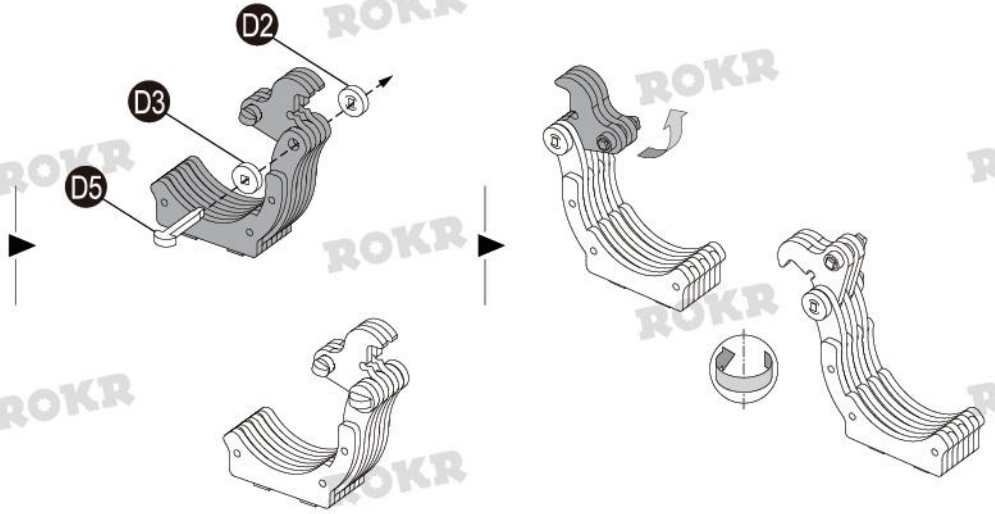

C10
L=9mm(3pcs)
T1
1:1
C5
C11
x3


C13

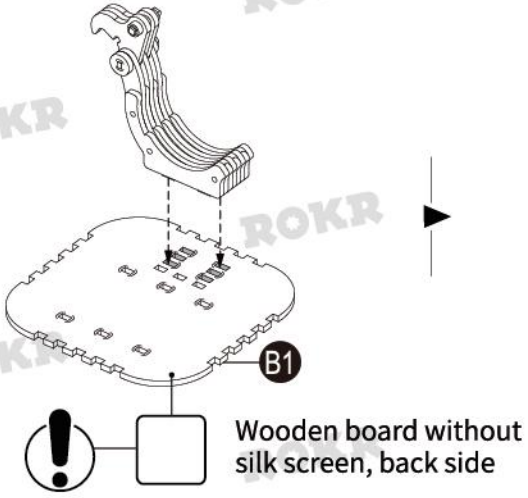
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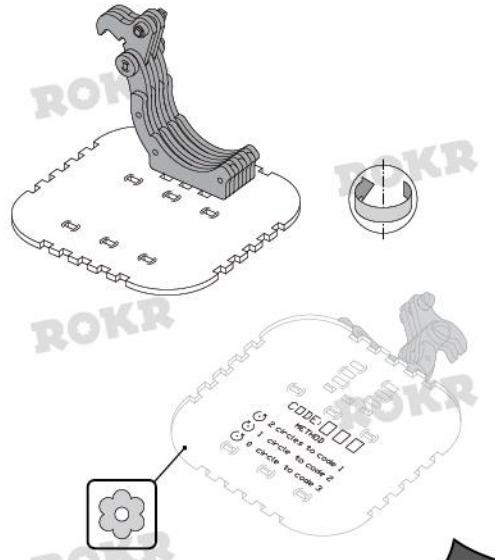


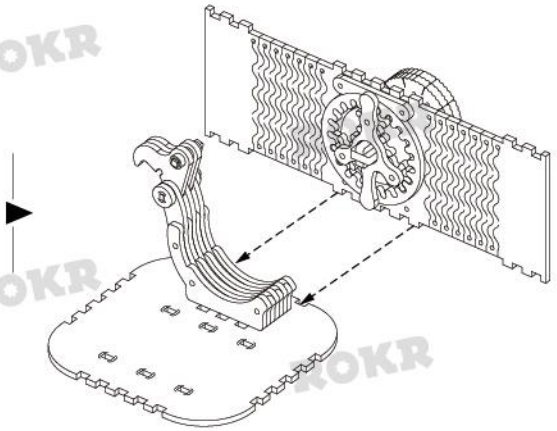


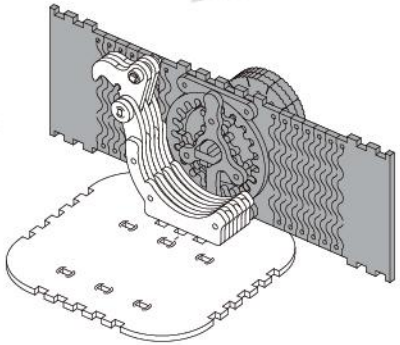
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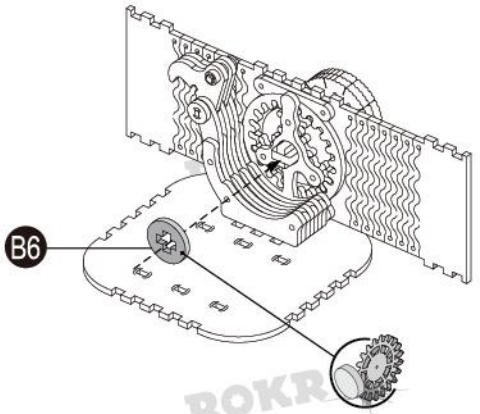
Wooden board without silk screen, back side

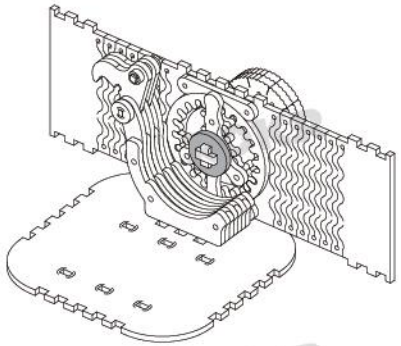


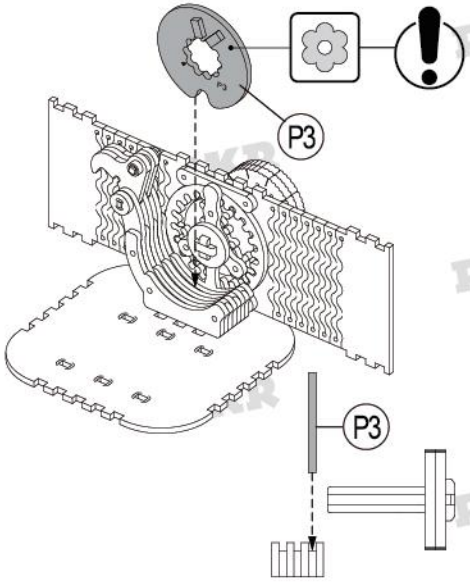


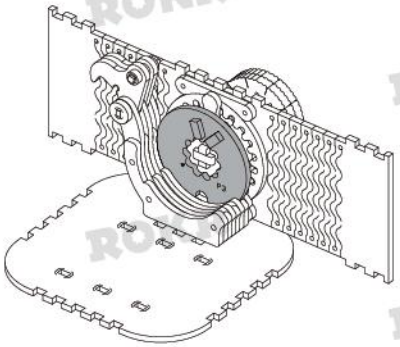


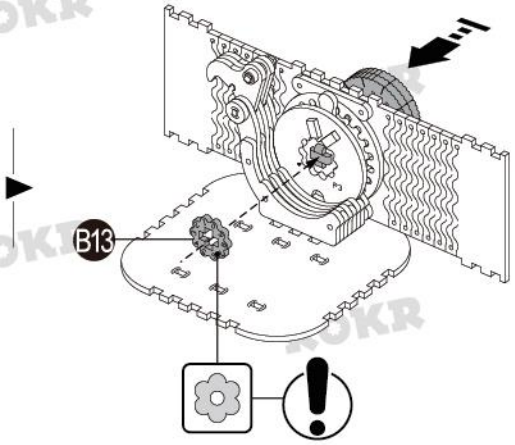
7

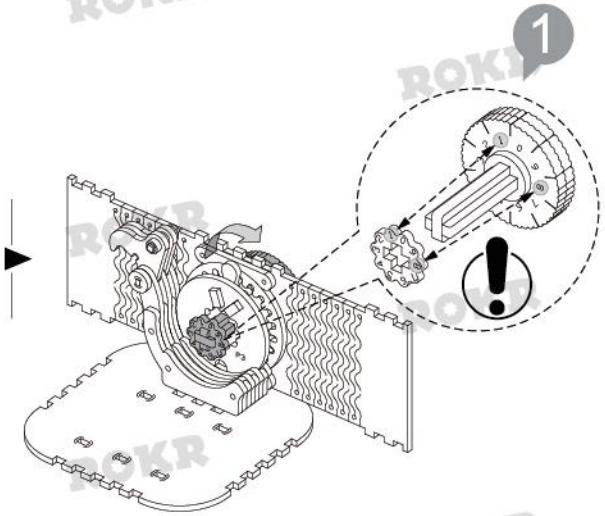


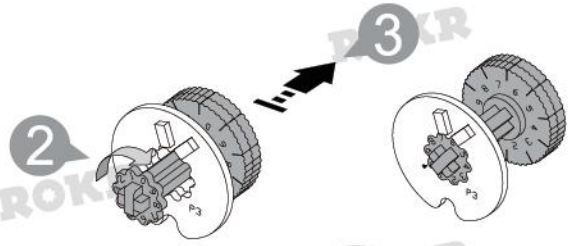


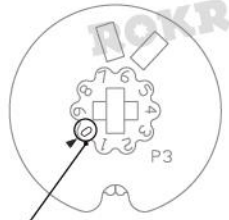




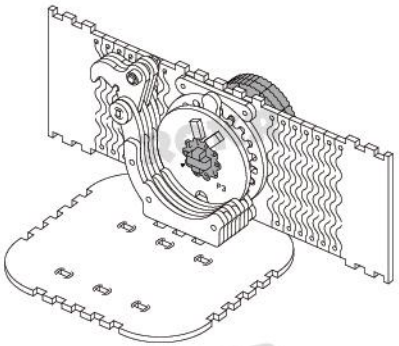


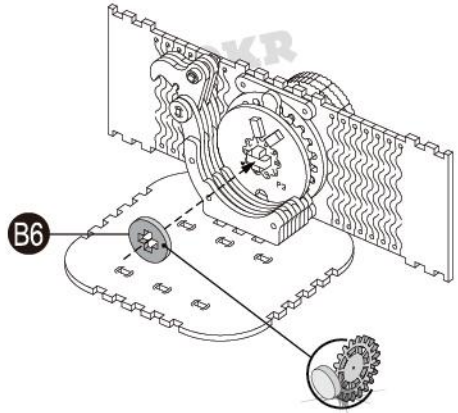


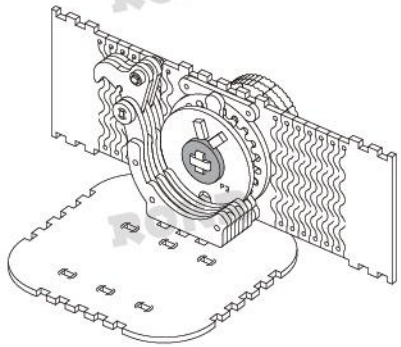


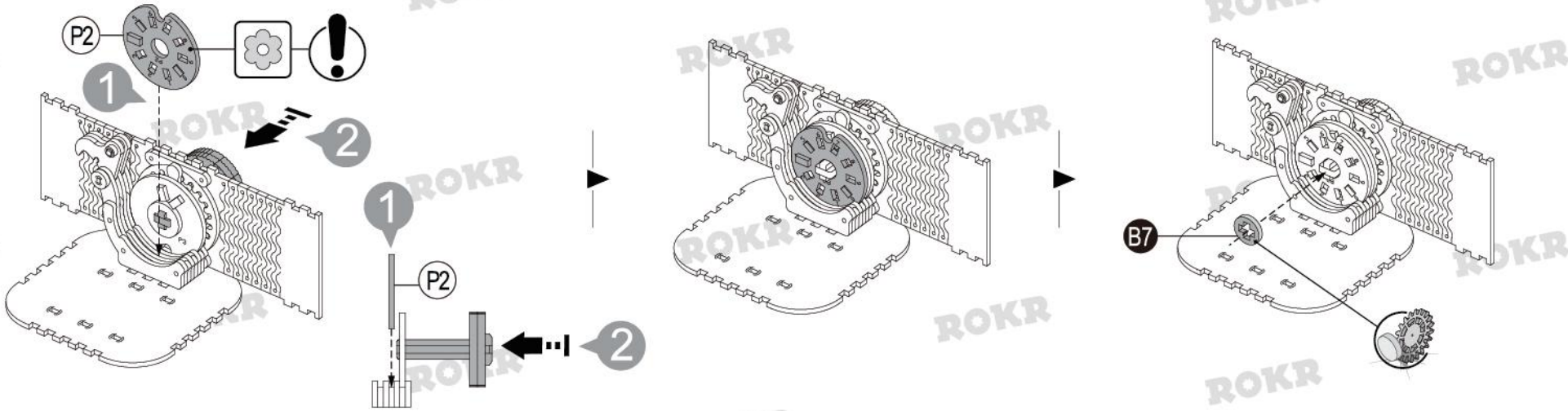


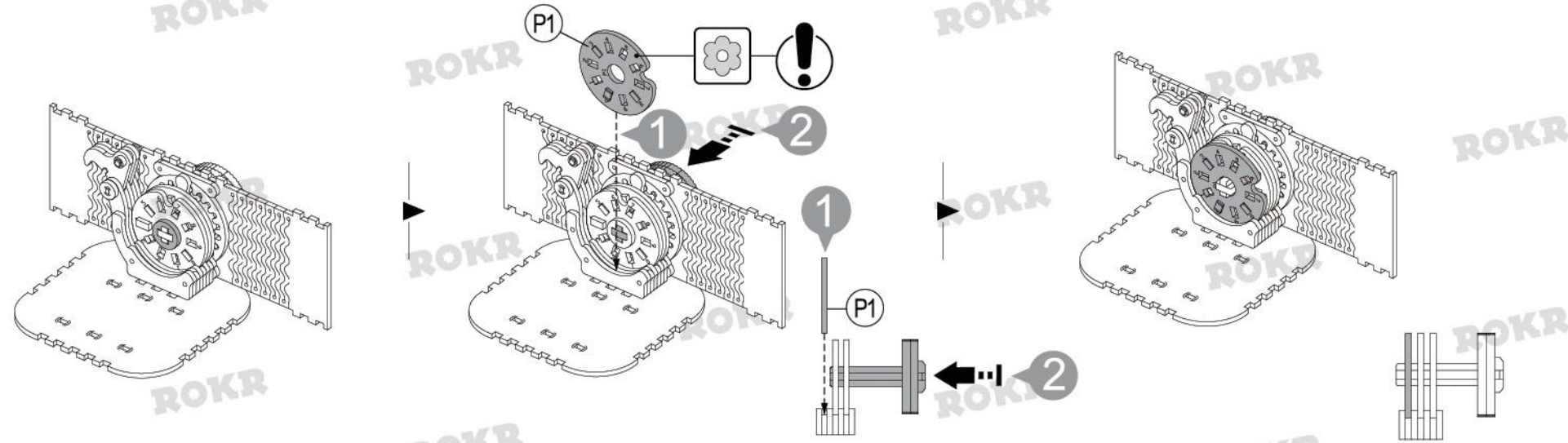
Here, 0 is only represents the P3 value in the example of 730. Please insert the corresponding hole position according to your P3 value.

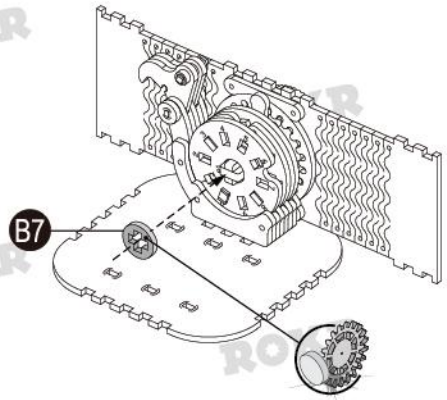


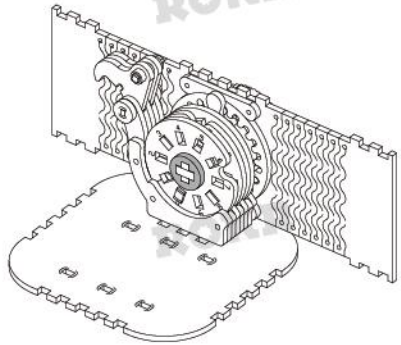


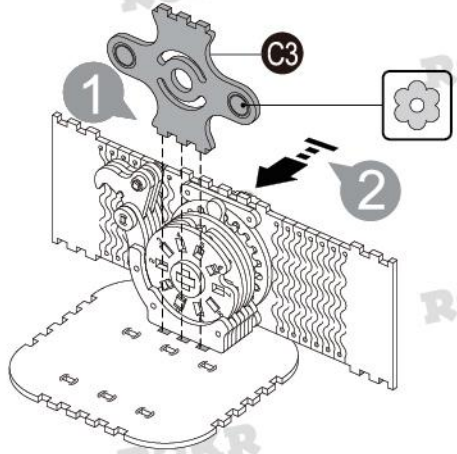


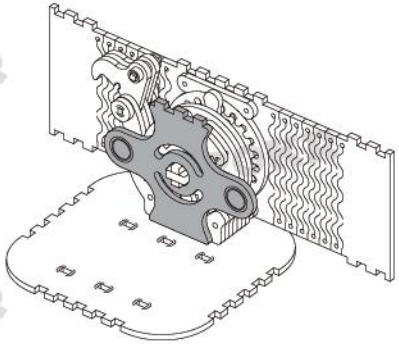

P2
1
2
1
P2
2
B7

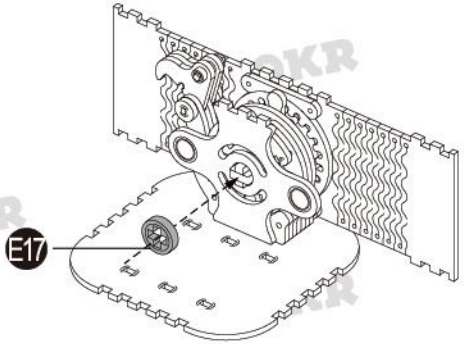

P1
1
2
1
P1
2

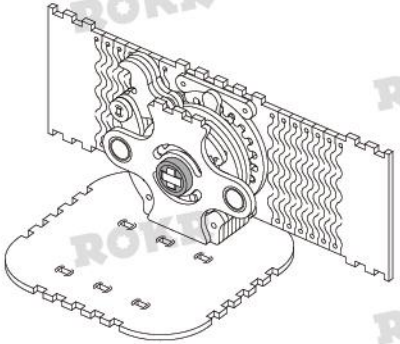

B7

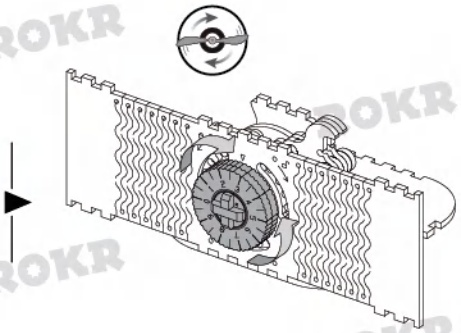



C3
1
2

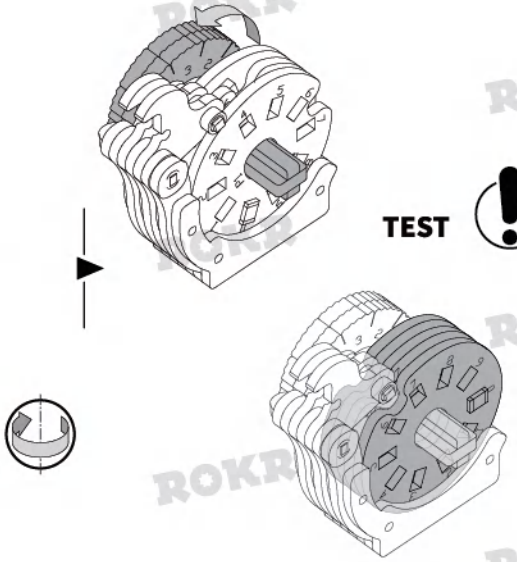


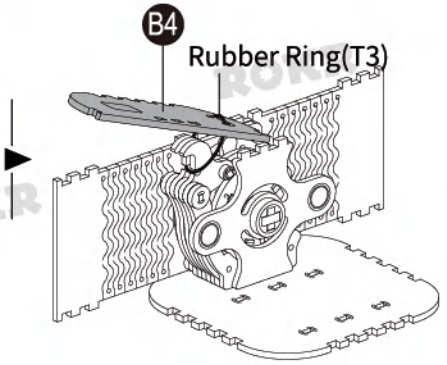

E17

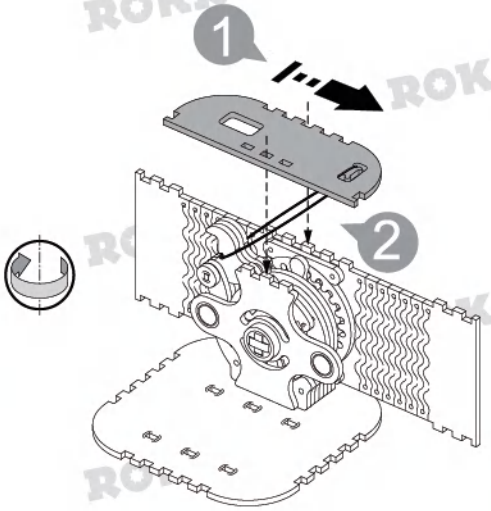


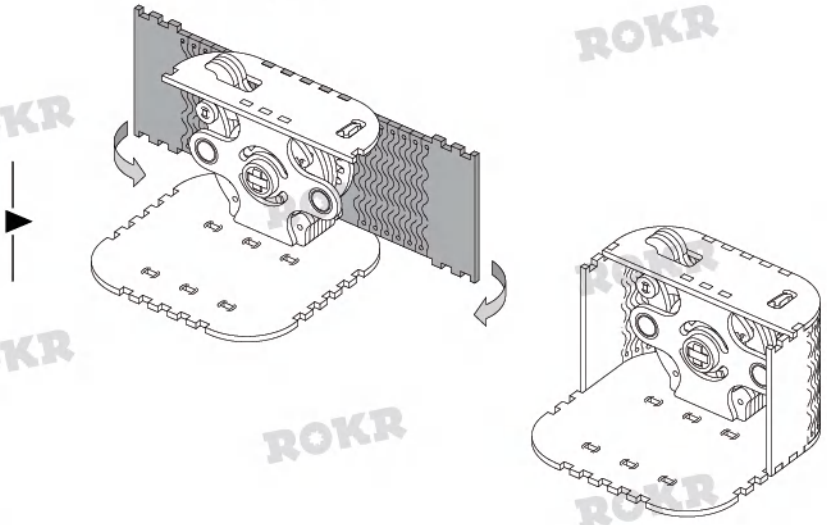


Due to the large friction of wood, it is necessary to turn the knob repeatedly until the rotation is smooth.



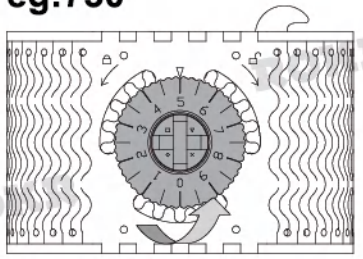




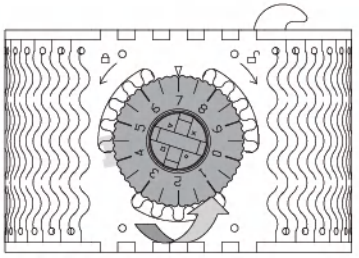


Note: If missed the figure you are going to set, the password must be reconstructed from the step 1.

eg:730



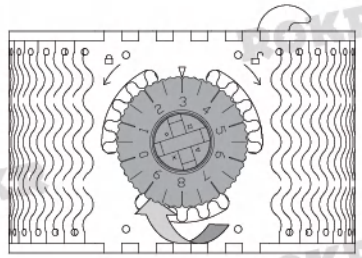
1. Assume that the password refers to the number 5. At this time, it needs to rotate counterclockwise two full circles to the number 5.



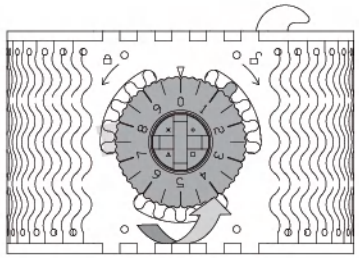
2. Continue counterclockwise to number 7 (C1).

Decoding method

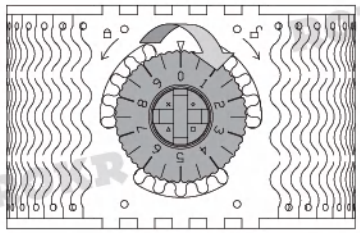
Step 1: Turning full 2 circles counterclockwise, then look for C1.
Step 2: Turning full 1 circle clockwise, then look for C2.
Step 3: Turning counterclockwise, then look for C3 directly.



3. After clockwise rotation of full 1 circle to number 7, continue to clockwise rotation to number 3 (C2).



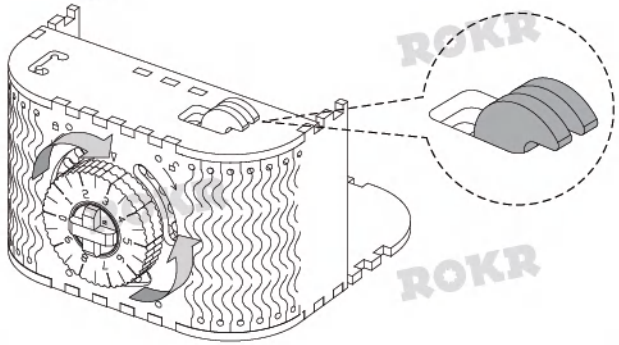
4. Then turn counterclockwise to the number 0 (C3), at which point you hear a click and the latch turns.



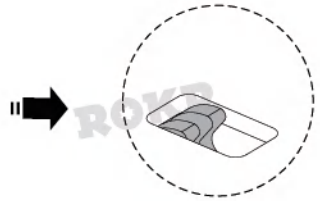
5. Turn the knob in the direction of the figure until the latch fully retracts into the box.

Note: When C2=C1+1, there is no need to turn full 1 circle clockwise.

Note: When C2=C3, there is no need to carry out the above operation.

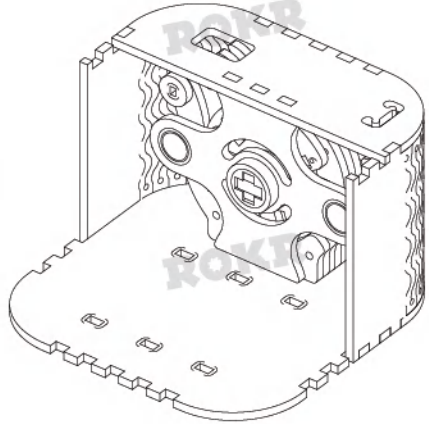


Note: Due to the large friction of wood, it needs to be unlocked repeatedly until the latch can rotate smoothly.

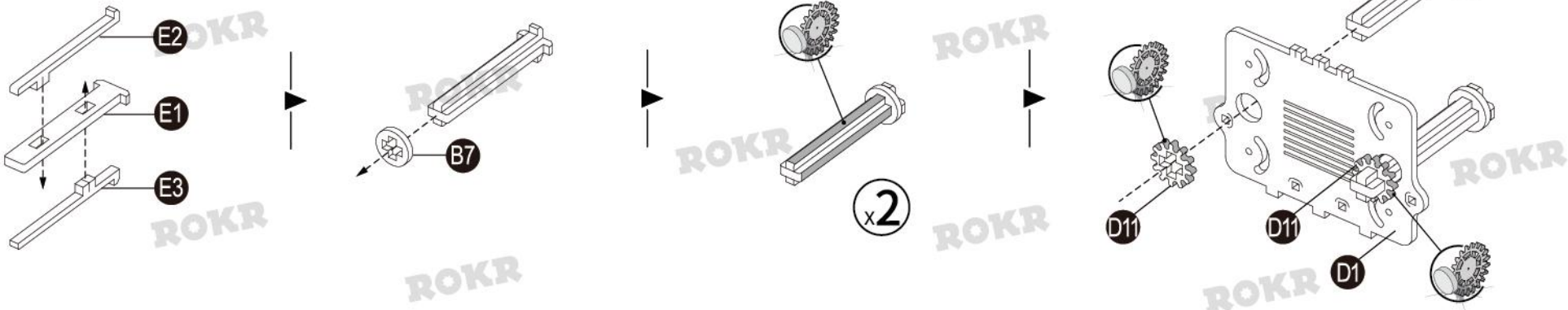


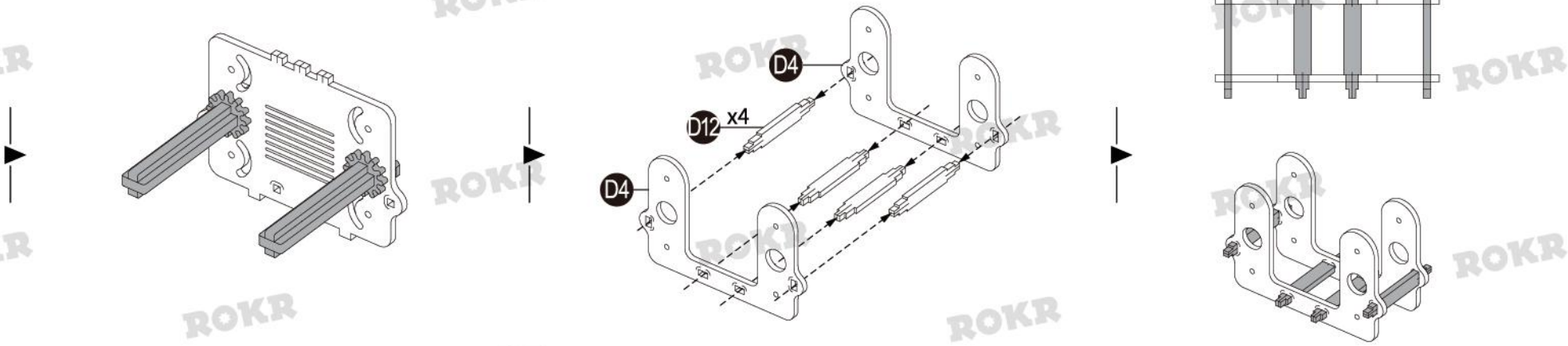
TEST PASSWORD IS CORRECT





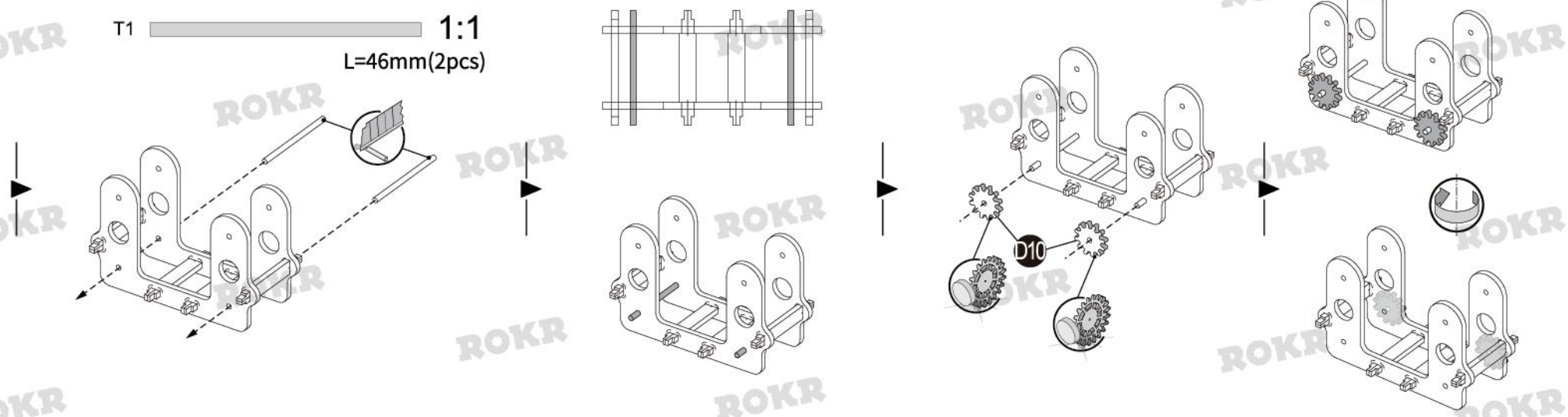
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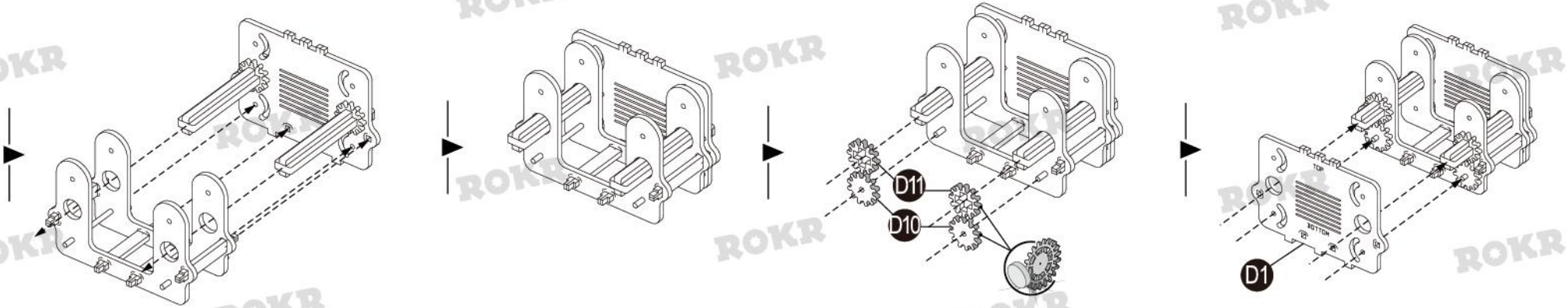


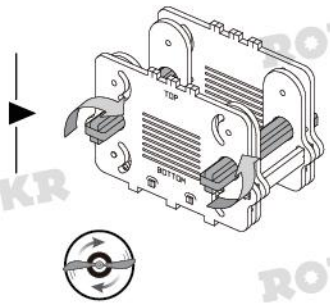


T1 1:1

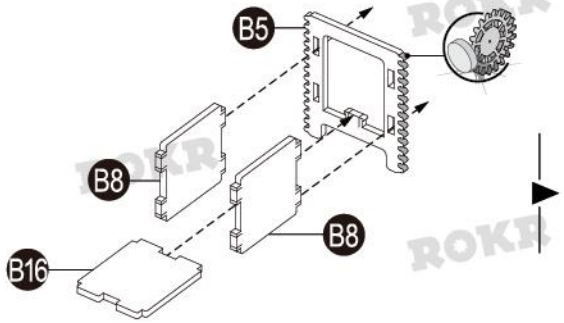
L=46mm(2pcs)

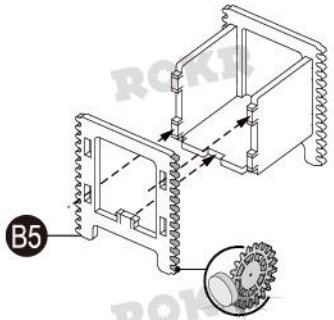


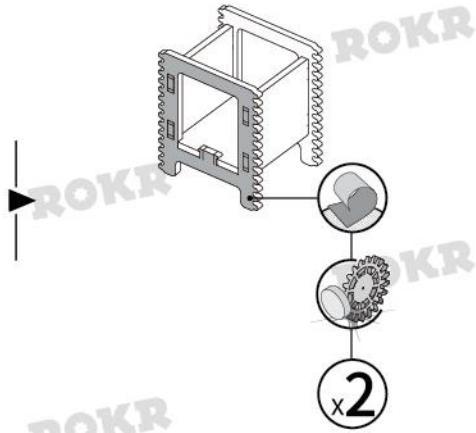


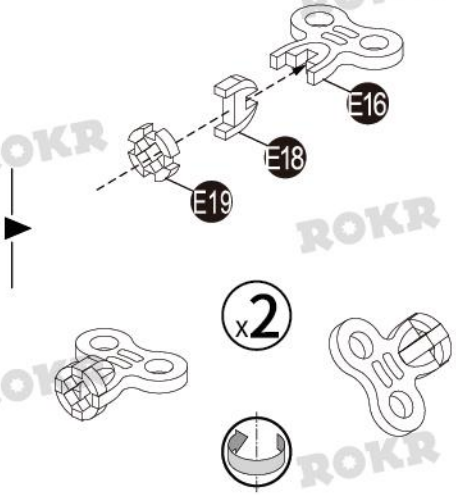

TOP
BOTTOM

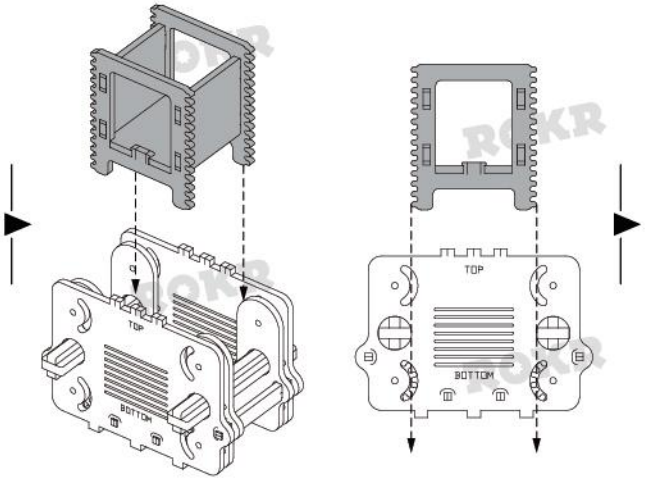
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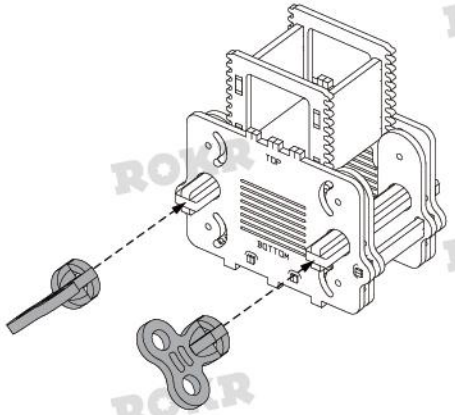

B5
B8
B8
B16

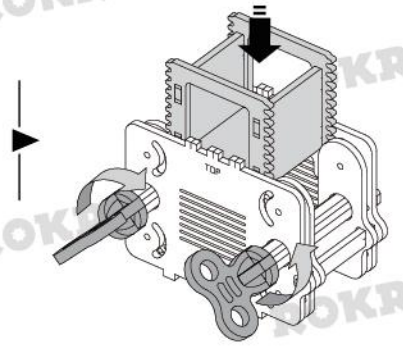

B5

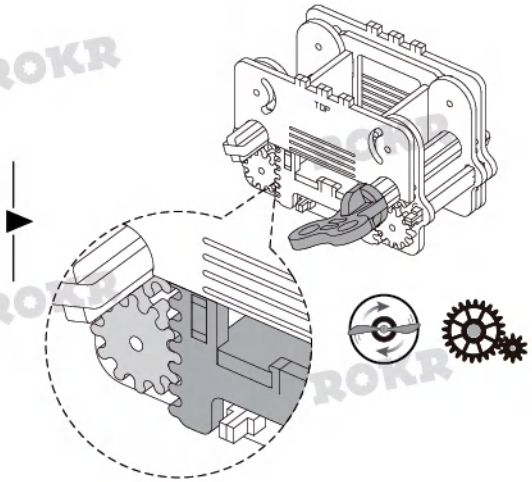

x2


E16
E18
E19
x2

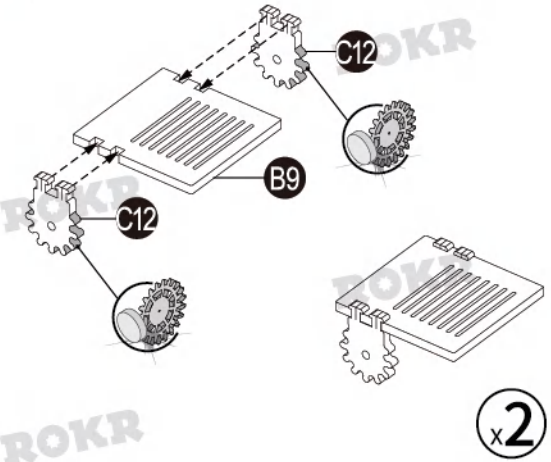

TOP
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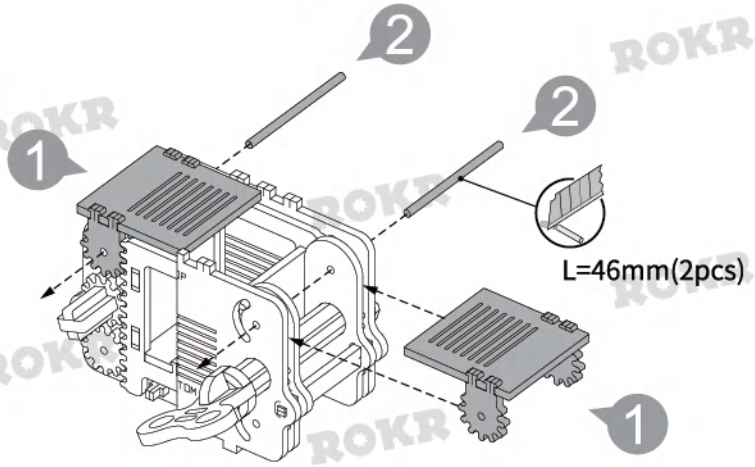

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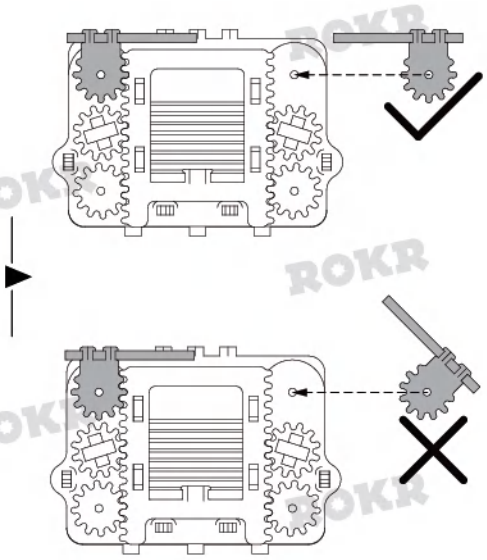


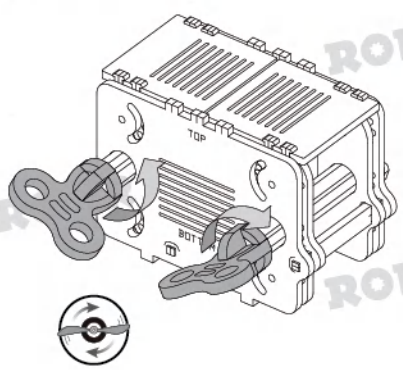
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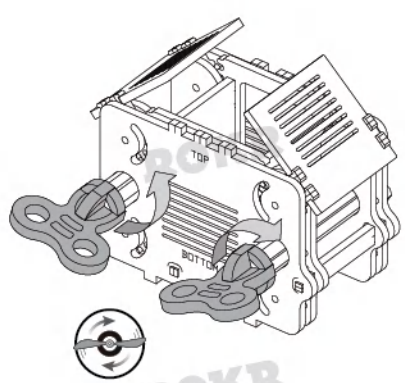


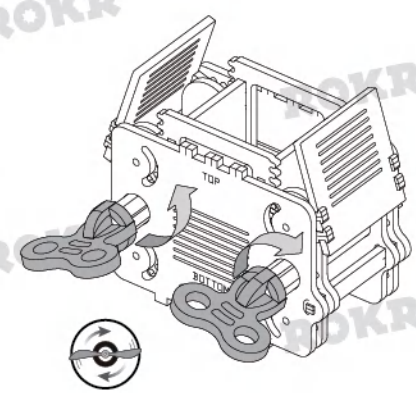
T1 1:1



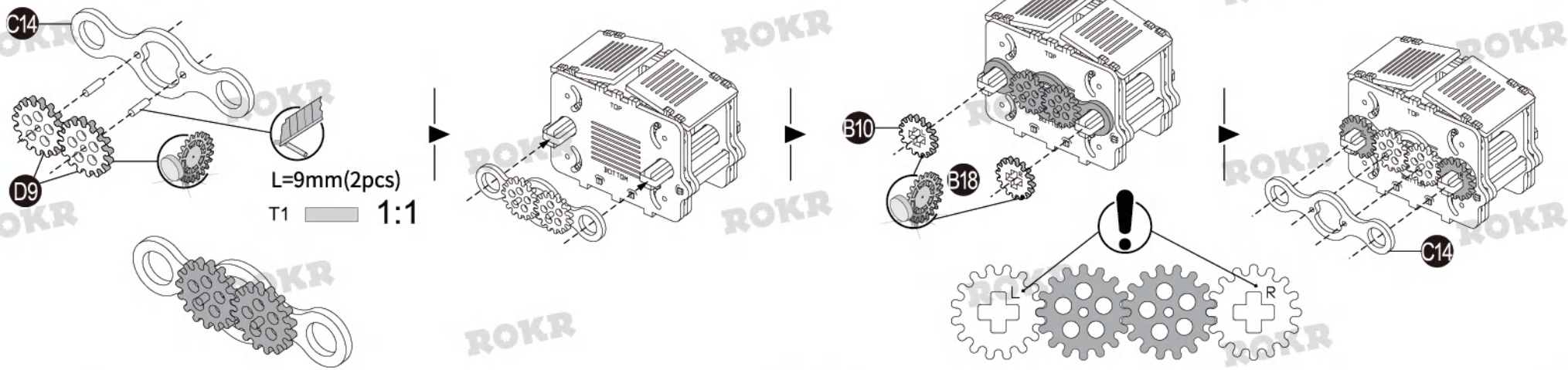




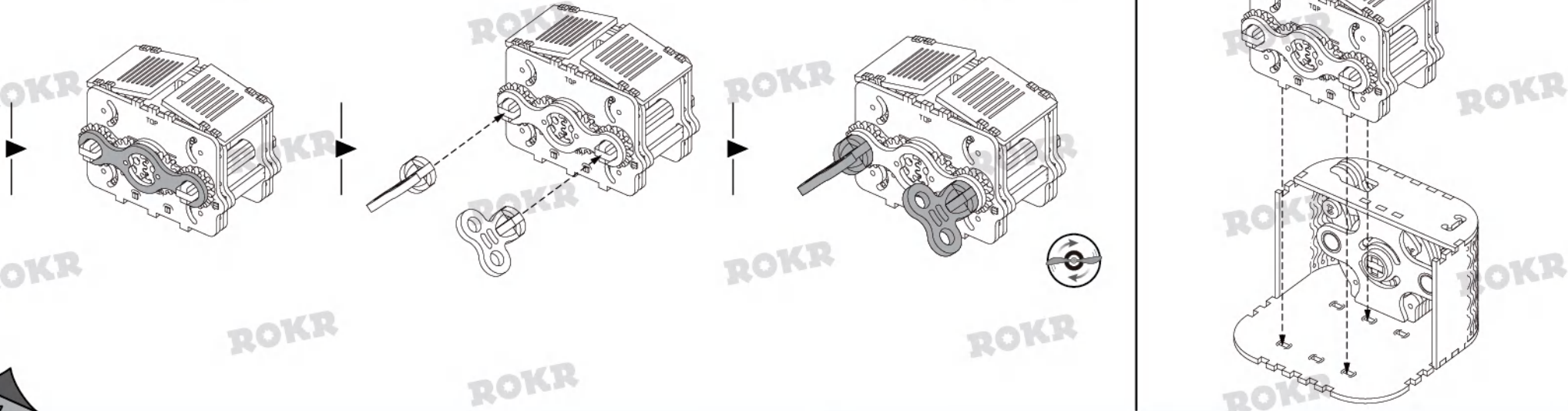


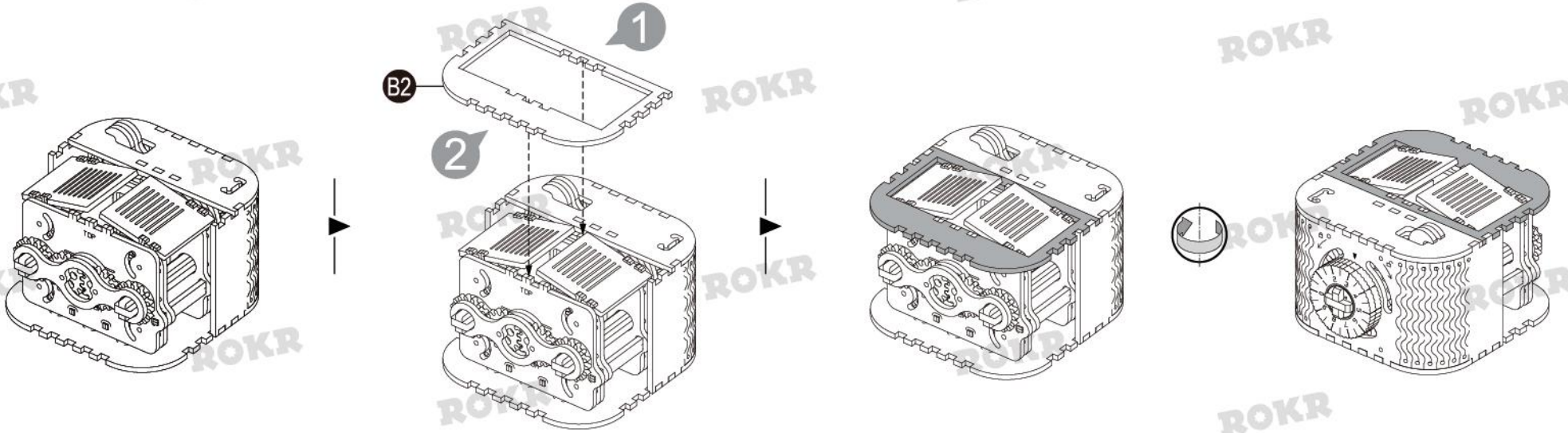


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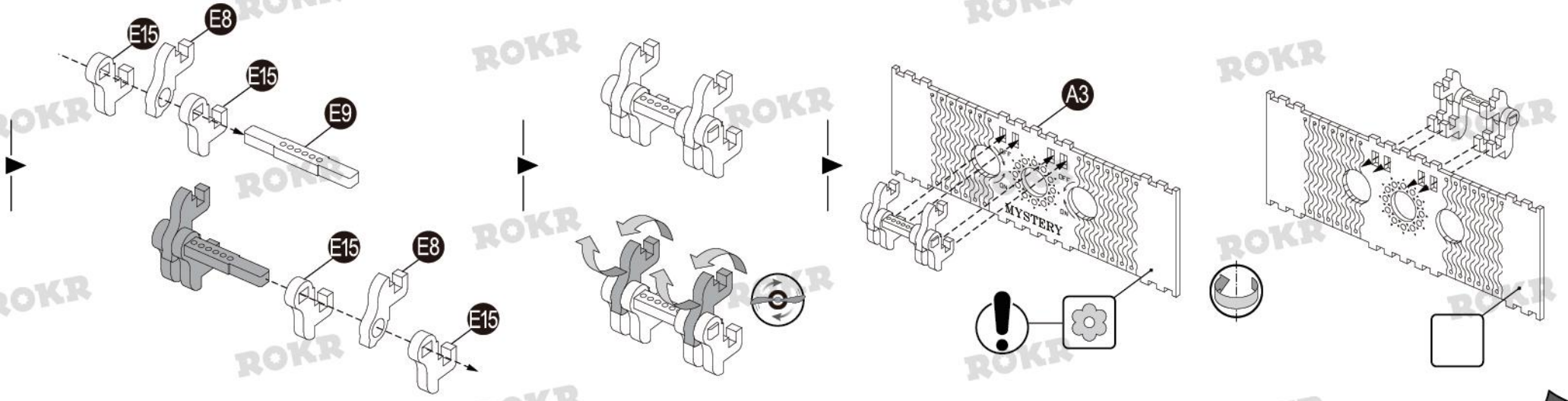


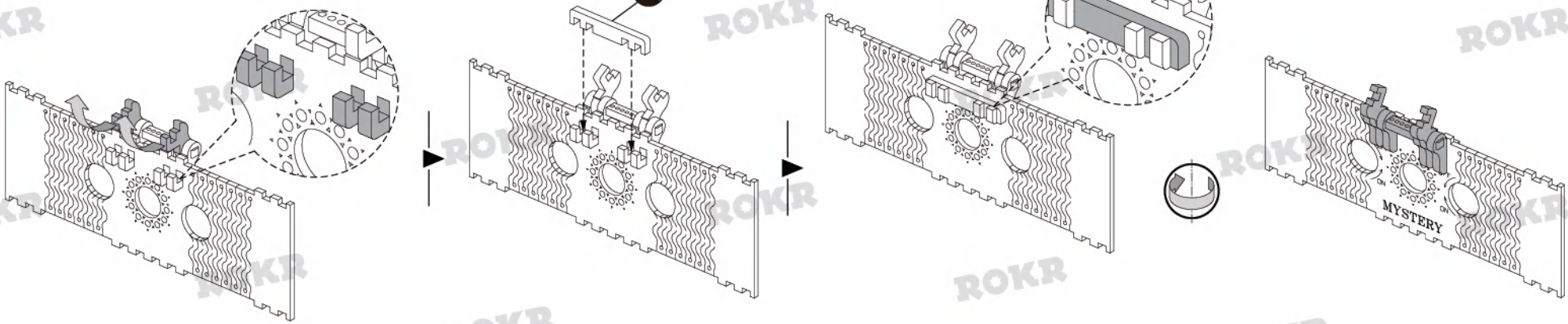
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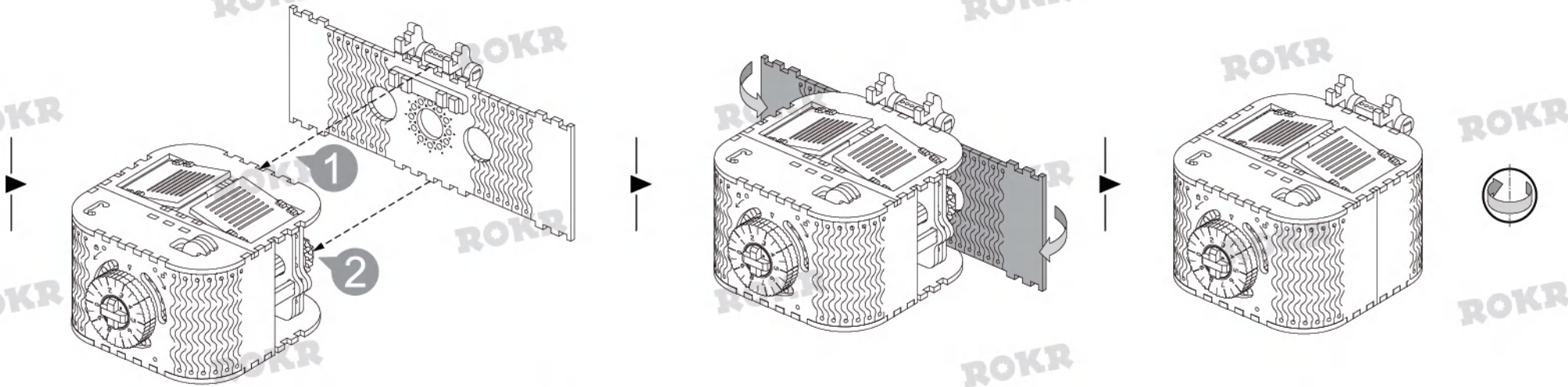


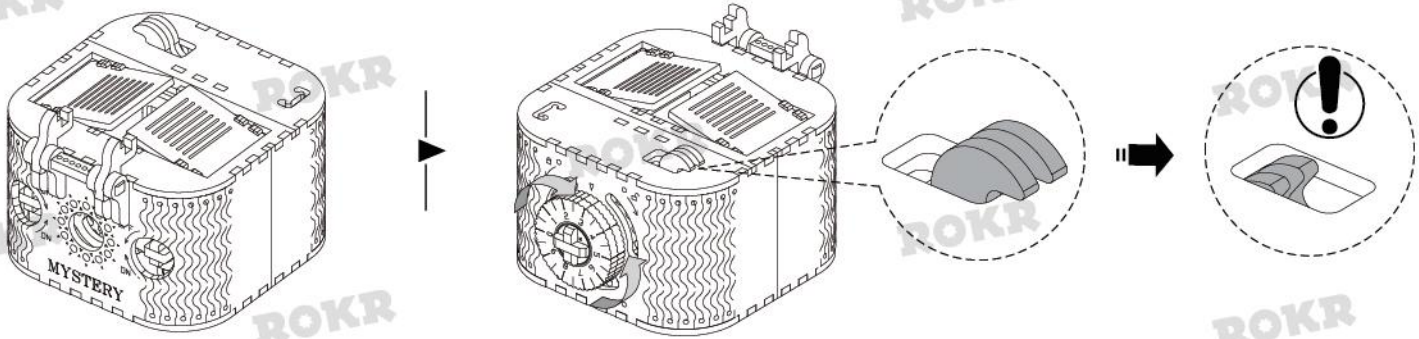


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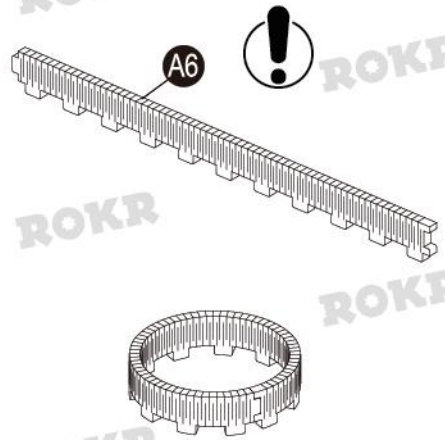


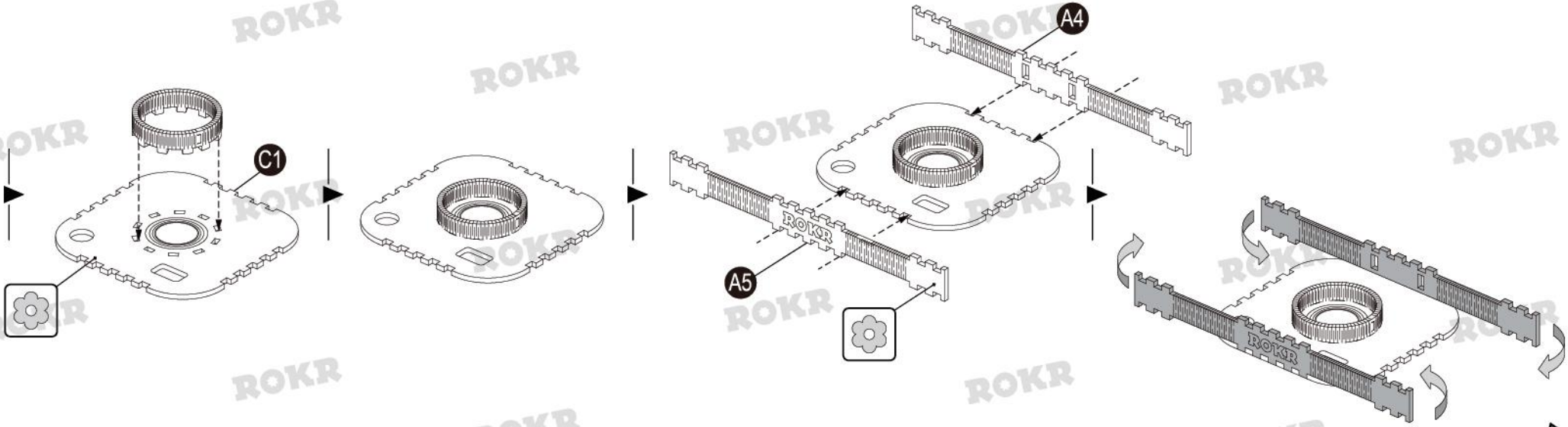

E10
MYSTERY

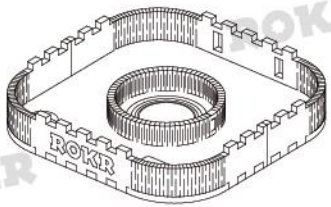

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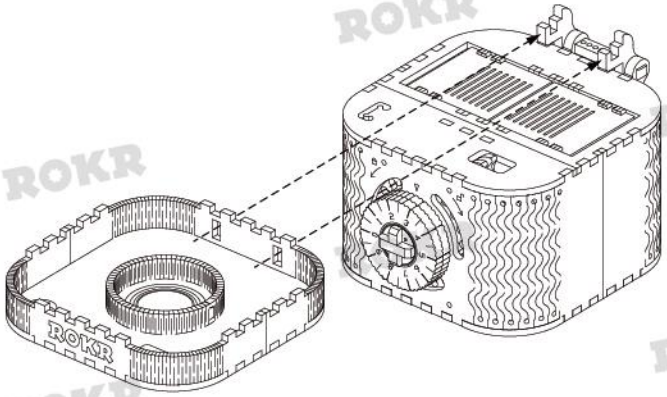


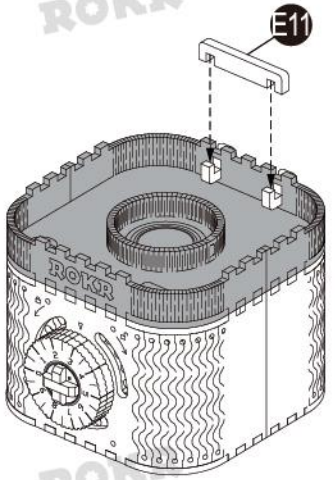
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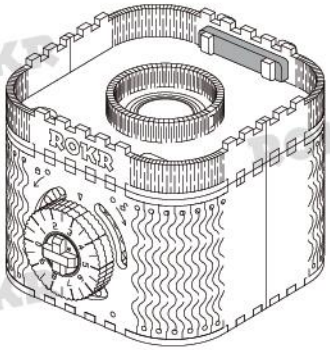




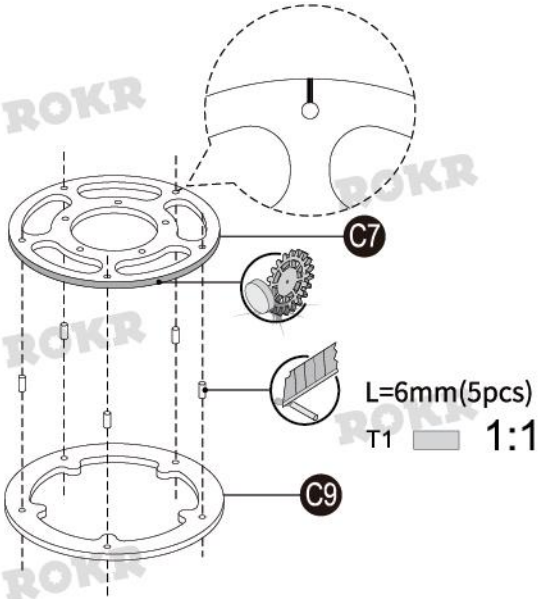


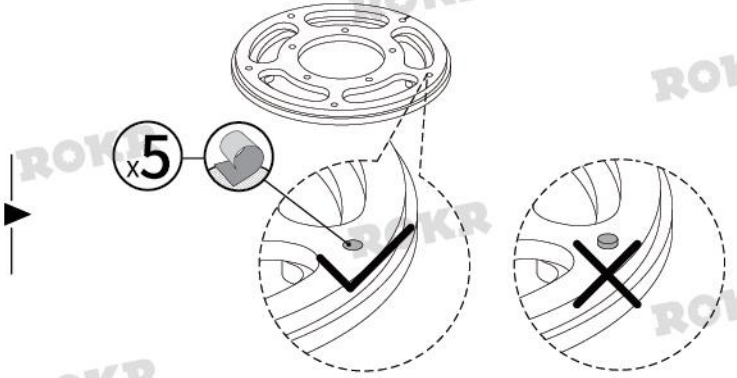


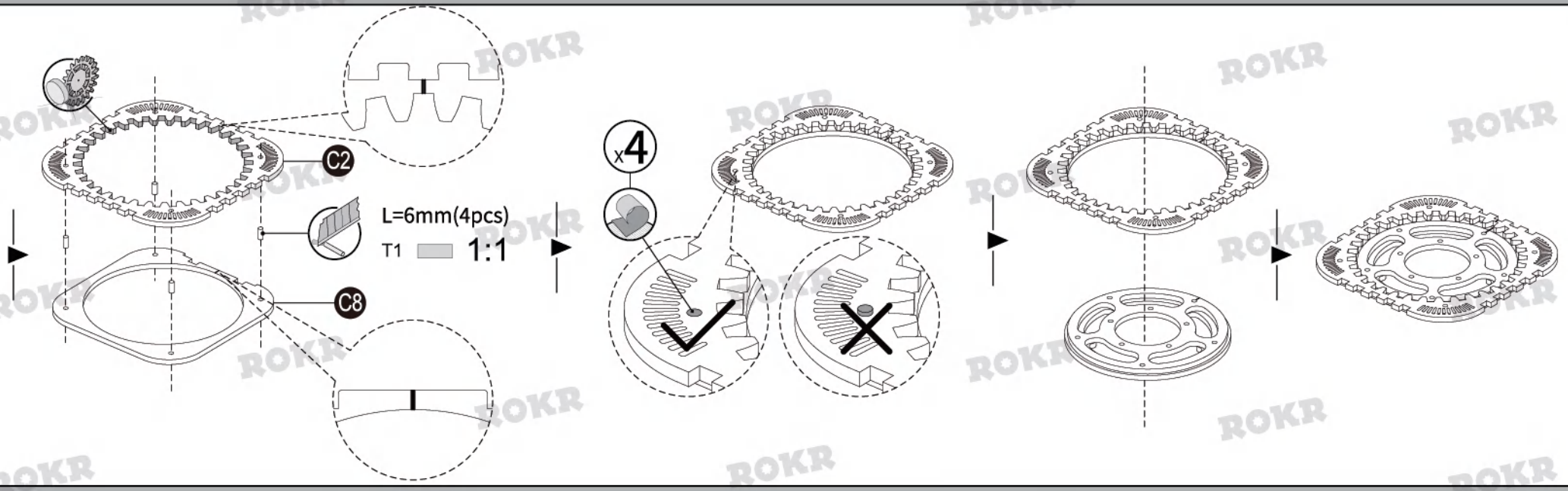


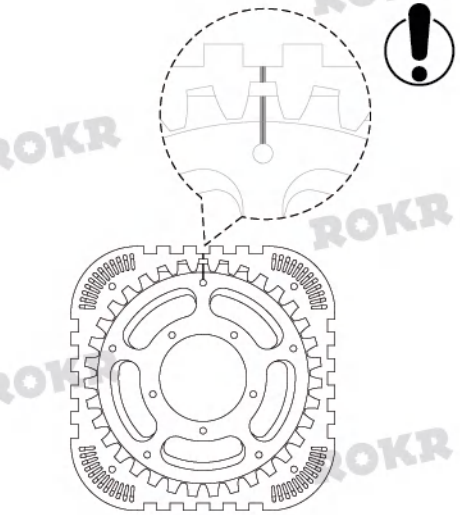


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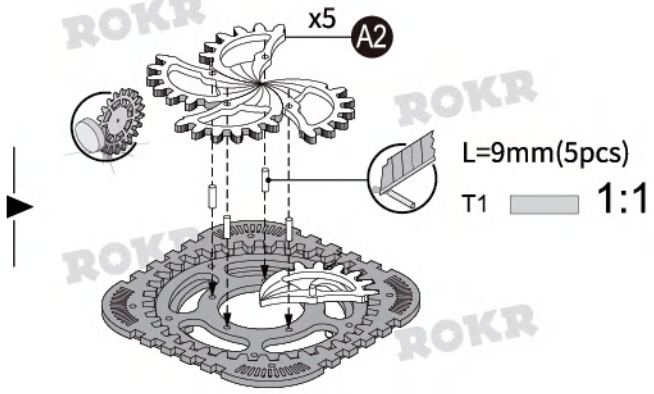


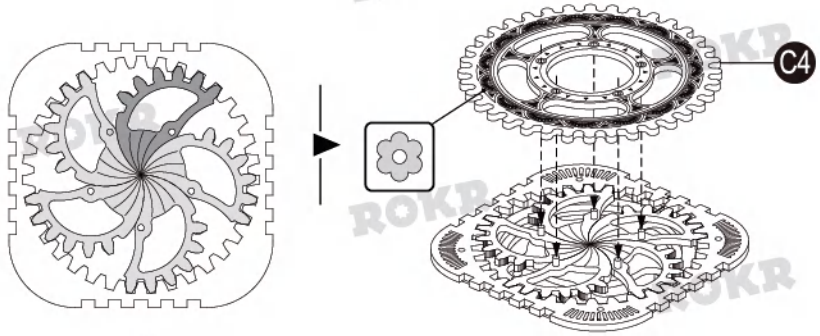


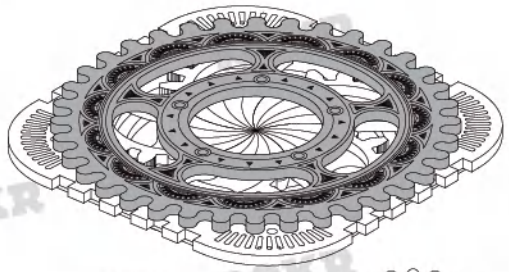




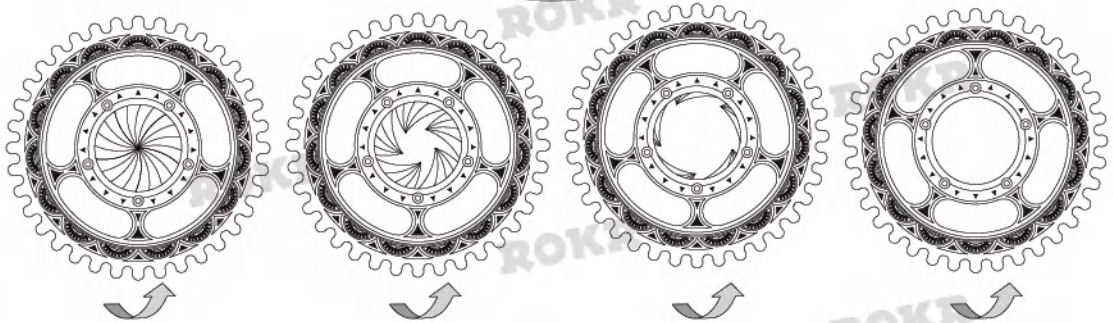
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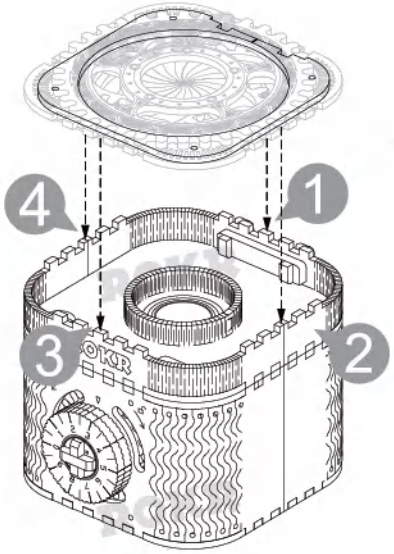


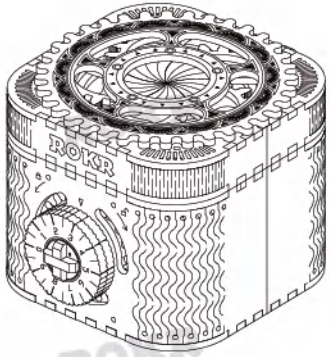




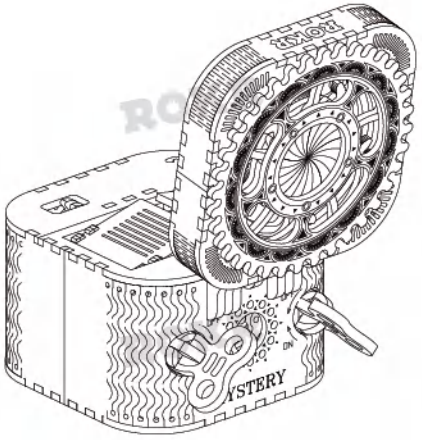


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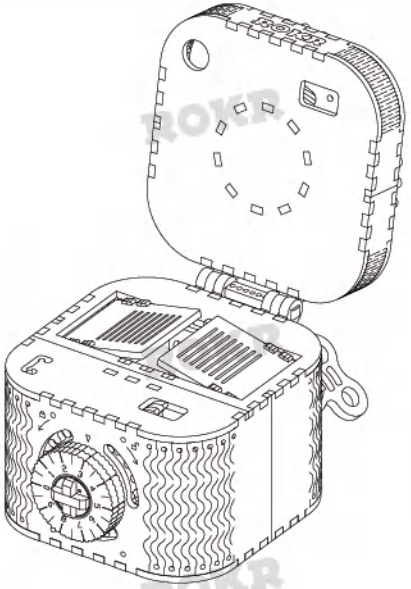












C-P comparison

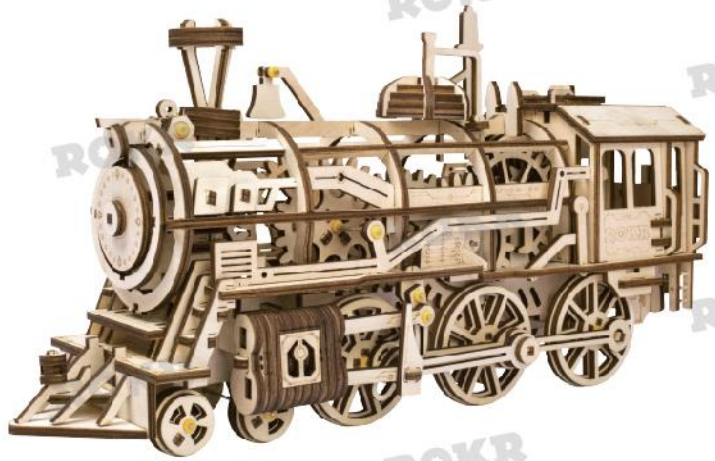
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$C_1C_2C_3$	$P_1P_2P_3$	$C_1C_2C_3$	$P_1P_2P_3$	$C_1C_2C_3$	$P_1P_2P_3$	$C_1C_2C_3$	$P_1P_2P_3$	$C_1C_2C_3$	$P_1P_2P_3$	$C_1C_2C_3$	$P_1P_2P_3$	$C_1C_2C_3$	$P_1P_2P_3$	$C_1C_2C_3$	$P_1P_2P_3$	$C_1C_2C_3$	$P_1P_2P_3$	$C_1C_2C_3$	$P_1P_2P_3$
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018	548	072	162	118	648	172	262	218	748	272	362	318	848	372	462	418	948	472	562
019	439	073	053	119	539	173	153	219	639	273	253	319	739	373	353	419	839	473	453
030	340	074	944	120	430	174	044	220	530	274	144	320	630	374	244	420	730	474	344
031	231	075	835	122	212	175	935	222	312	275	035	322	412	375	135	422	512	475	235
033	013	077	617	123	103	177	717	223	203	277	817	323	303	377	917	423	403	477	017
034	904	078	508	124	094	178	608	224	194	278	708	324	294	378	808	424	394	478	908
035	895	079	499	125	985	179	599	225	085	279	699	325	185	379	799	425	285	479	899
036	786	080	390	126	876	180	490	226	976	280	590	326	076	380	690	426	176	480	790
037	677	081	281	127	767	181	381	227	867	281	481	327	967	381	581	427	067	481	681
038	568	082	172	128	658	182	272	228	758	282	372	328	858	382	472	428	958	482	572
039	459	083	063	129	549	183	163	229	649	283	263	329	749	383	363	429	849	483	463
040	350	084	954	140	450	184	054	230	540	284	154	330	640	384	254	430	740	484	354
041	241	085	845	141	341	185	945	231	431	285	045	331	531	385	145	431	631	485	245
042	132	086	736	142	232	186	836	233	213	286	936	333	313	386	036	433	413	486	136
044	914	088	518	144	014	188	618	234	104	288	718	334	204	388	818	434	304	488	918
045	805	089	409	145	905	189	509	235	095	289	609	335	195	389	709	435	295	489	809
046	796	090	300	146	896	190	400	236	986	290	500	336	086	390	600	436	186	490	700
047	687	091	291	147	787	191	391	237	877	291	491	337	977	391	591	437	077	491	691
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049	469	093	073	149	569	193	173	239	659	293	273	339	759	393	373	439	859	493	473
050	360	094	964	150	460	194	064	250	560	294	164	340	650	394	264	440	750	494	364
051	251	095	855	151	351	195	955	251	451	295	055	341	541	395	155	441	641	495	255
052	142	096	746	152	242	196	846	252	342	296	946	342	432	396	046	442	532	496	146
053	033	097	637	153	133	197	737	253	233	297	837	344	214	397	937	444	314	497	037
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C-P comparison

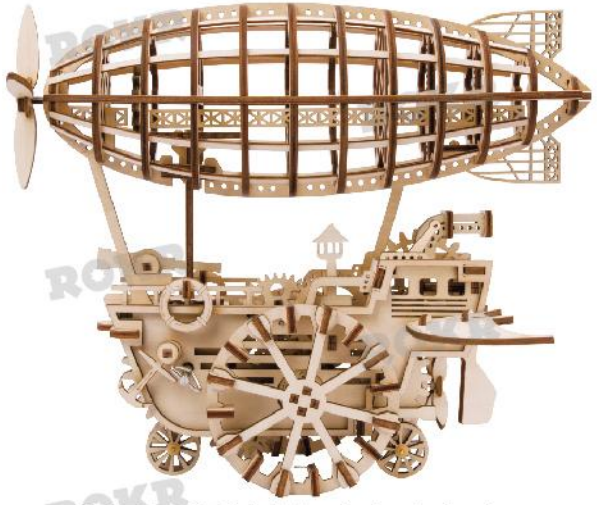
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500	810	545	305	600	910	645	405	700	010	745	505	811	011	855	615	900	210	955	715
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502	692	547	187	602	792	647	287	702	892	747	387	813	893	857	497	902	092	957	597
503	583	548	078	603	683	648	178	703	783	748	278	814	784	858	388	903	983	958	488
504	474	549	969	604	574	649	069	704	674	749	169	815	675	859	279	904	874	959	379
505	365	550	860	605	465	650	960	705	565	750	060	816	566	860	170	905	765	960	270
506	256	551	751	606	356	651	851	706	456	751	951	817	457	861	061	906	656	961	161
507	147	552	642	607	247	652	742	707	347	752	842	818	348	862	952	907	547	962	052
508	038	553	533	608	138	653	633	708	238	753	733	819	239	863	843	908	438	963	943
511	711	555	315	611	811	655	415	711	911	755	515	820	130	864	734	920	230	964	834
512	602	556	206	612	702	656	306	712	802	756	406	822	912	866	516	922	012	966	616
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515	375	559	979	615	475	659	079	715	575	759	179	825	685	869	289	925	785	969	389
516	266	560	870	616	366	660	970	716	466	760	070	826	576	870	180	926	676	970	280
517	157	561	761	617	257	661	861	717	357	761	961	827	467	871	071	927	567	971	171
518	048	562	652	618	148	662	752	718	248	762	852	828	358	872	962	928	458	972	062
519	939	563	543	619	039	663	643	719	139	763	743	829	249	873	853	929	349	973	953
520	830	564	434	620	930	664	534	720	030	764	634	830	140	874	744	930	240	974	844
522	612	566	216	622	712	666	316	722	812	766	416	831	031	875	635	931	131	975	735
523	503	567	107	623	603	667	207	723	703	767	307	833	813	877	417	933	913	977	517
524	494	568	098	624	594	668	198	724	694	768	298	834	704	878	308	934	804	978	408
525	385	569	989	625	485	669	089	725	585	769	189	835	695	879	299	935	795	979	399
526	276	580	890	626	376	670	980	726	476	770	080	836	586	880	190	936	686	980	290
527	167	581	781	627	267	671	871	727	367	771	971	837	477	881	081	937	577	981	181
528	058	582	672	628	158	672	762	728	258	772	862	838	368	882	972	938	468	982	072
529	949	583	563	629	049	673	653	729	149	773	753	839	259	883	863	939	359	983	963
530	840	584	454	630	940	674	544	730	040	774	644	840	150	884	754	940	250	984	854
531	731	585	345	631	831	675	435	731	931	775	535	841	041	885	645	941	141	985	745
533	513	586	236	633	613	677	217	733	713	777	317	842	932	886	536	942	032	986	636
534	404	588	018	634	504	678	108	734	604	778	208	844	714	888	318	944	814	988	418
535	395	589	909	635	495	679	099	735	595	779	199	845	605	889	209	945	705	989	309
536	286	590	800	636	386	690	900	736	486	780	090	846	596	890	100	946	696	990	200
537	177	591	791	637	277	691	891	737	377	781	981	847	487	891	091	947	587	991	191
538	068	592	682	638	168	692	782	738	268	782	872	848	378	892	982	948	478	992	082
539	959	593	573	639	059	693	673	739	159	783	763	849	269	893	873	949	369	993	973
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LK201/Perpetual Calendar



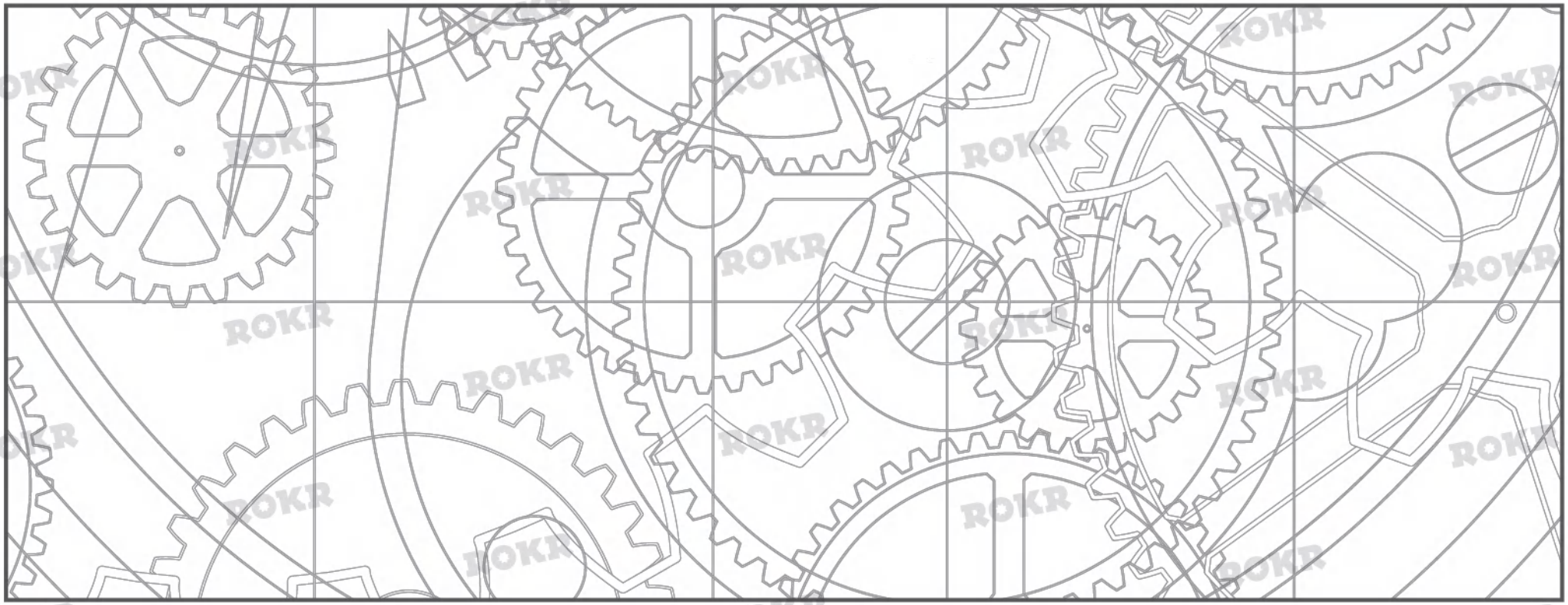
LK701/Locomotive



LK702/Air Vehicle



LK401/Tractor



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