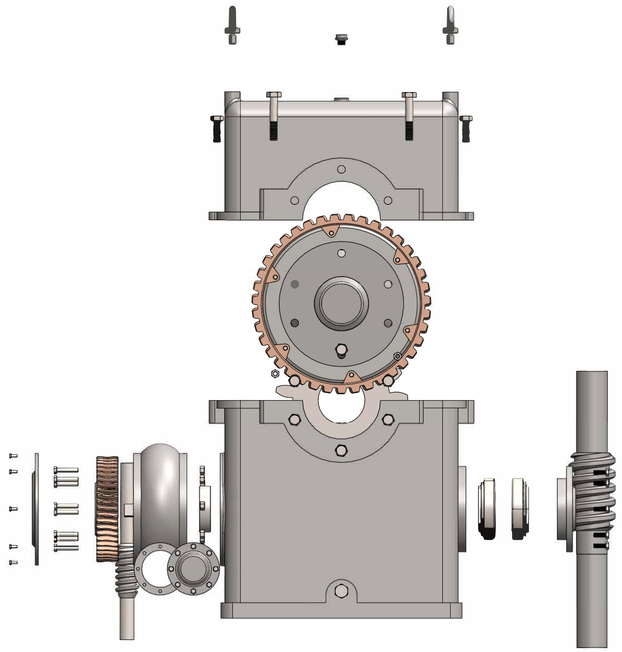
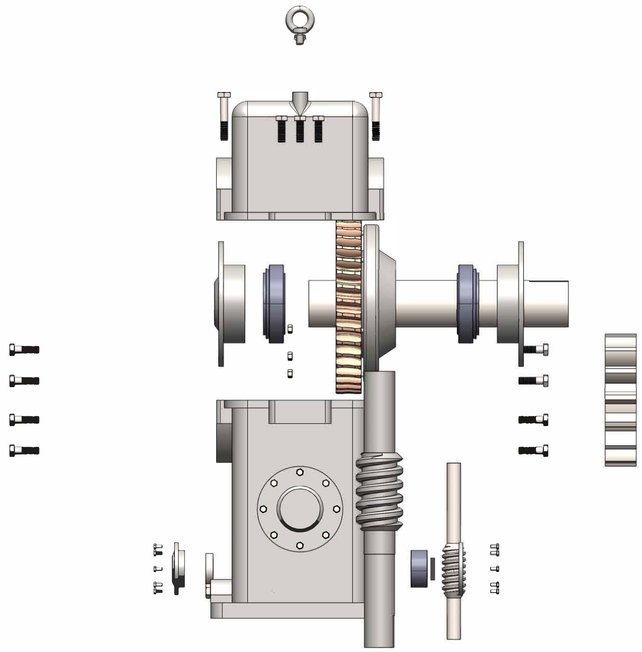
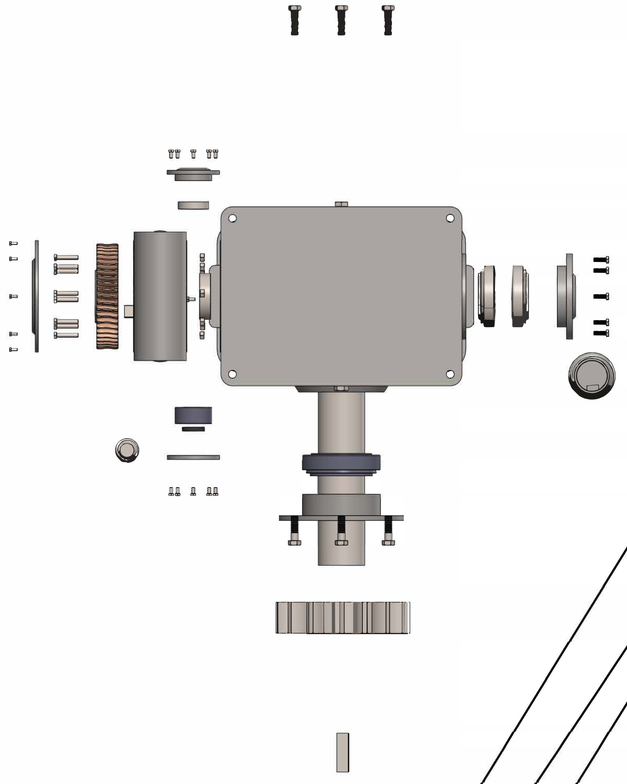
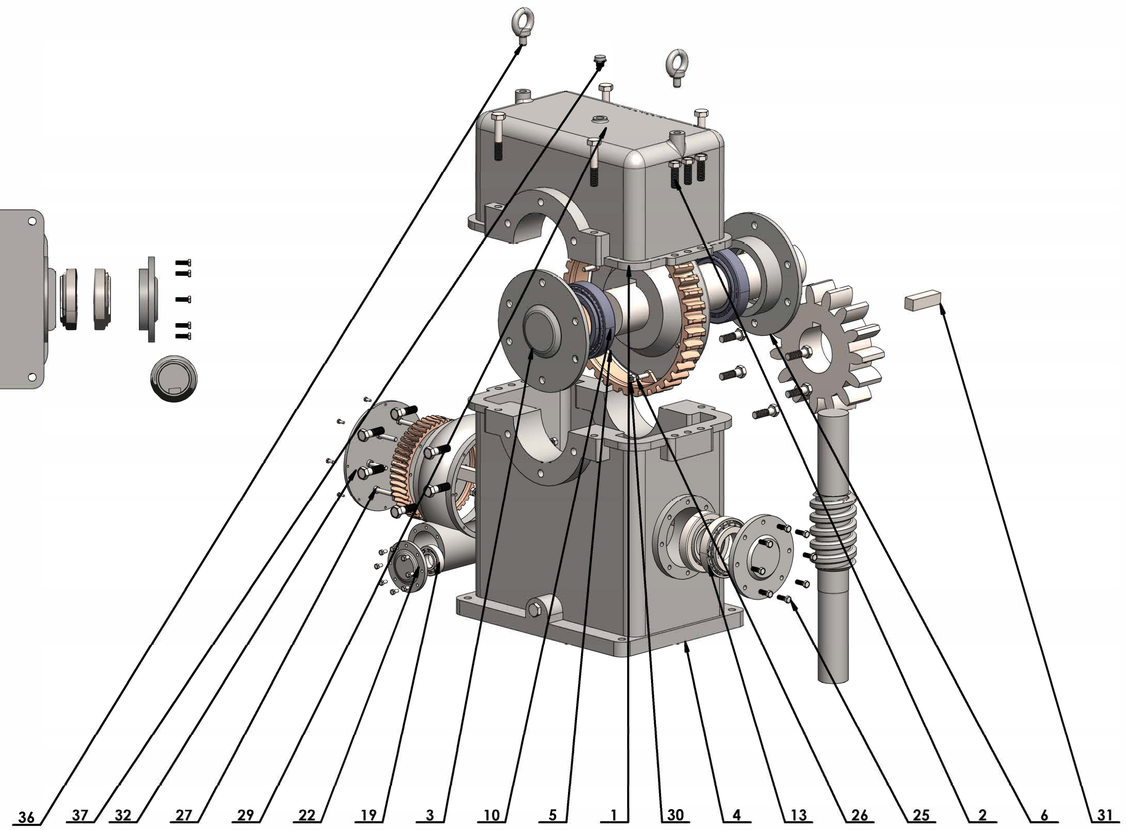








ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Gearbox Base Frame	Main structural housing supporting complete assembly	1
2	Tapered Roller Bearing (99600/99100)	Heavy-duty bearing for radial and axial load support	2
3	Main Shaft End Sleeve (LH)	Sleeve for bearing and seal seating on left-hand side	1
4	Oil Seal (5.750 × 7.000 × 0.625)	Radial shaft seal for lubrication retention	1
5	Main Shaft End Sleeve (RH)	Sleeve for bearing and seal seating on right-hand side	1
6	Main Output Shaft	Primary torque-transmitting shaft	1
7	Stage 1 Gear Hub	Mounting hub for Worm Gear 1	1
8	Parallel Key	Key for shaft-to-hub torque transmission	1
9	Tapered Roller Bearing (98400/98788)	Output shaft bearing for high radial and thrust loads	2
10	Worm Gear 2 (48T)	Stage 2 driven worm wheel (final reduction)	1
11	Worm 1 (Primary Worm)	Single-start worm driving Stage 1 gear	1
12	Cylindrical Roller Bearing (NN3020C-D)	High-capacity radial bearing for intermediate shaft	2
13	Worm Gear 2 Hub	Mounting hub for Stage 2 worm gear	1
14	Parallel Key (Secondary)	Key for Stage 2 gear-to-shaft connection	1
15	Gearbox Lower Casing	Lower section of gearbox housing	1
16	Angular Contact Bearing (5409W)	Double-row bearing for axial load support	1
17	Deep Groove Ball Bearing (6309)	Radial support bearing for worm shaft	1
18	Oil Seal (1.750 × 2.875 × 0.500)	Input shaft oil seal	1
19	Worm Shaft End Plate (LH)	Retaining plate for worm shaft bearing assembly	1
20	Worm Shaft End Plate (RH)	Opposite retaining plate for worm shaft	1
21	External Spur Gear	Output transmission gear interface	1
22	Gearbox Upper Casing	Upper enclosure section of gearbox	1
23	Hex Head Bolt M24 × 3.0 × 80	Structural fastening bolt	12
24	Hex Head Bolt M14 × 2.0 × 40	Medium-duty fastening bolt	8
25	Hex Head Bolt M24 × 3.0 × 70	Flange fastening bolt	6
26	Hex Head Bolt M14 × 2.0 × 80	General-purpose fastening bolt	6
27	Hex Head Bolt M14 × 2.0 × 70	Secondary fastening bolt	8
28	Hex Socket Screw M10 × 1.5 × 25	Auxiliary fastening screw	16
29	Worm End Plate (Primary Worm)	Retaining plate for worm shaft assembly	1
30	Heavy Hex Bolt M24 × 3.0 × 140	High-strength structural bolt	4
31	Heavy Hex Nut M14 × 2.0	Nut for corresponding bolt fastening	14
32	Parallel Key (1.5 × 1.5 × 5)	Shaft-to-gear torque transmission key	2
33	Stage 2 Gear Housing	Housing for secondary worm gear stage	1
34	Stage 2 Housing Side Cover	Side cover plate for stage 2 casing	1
35	Heavy Hex Bolt M24 × 3.0 × 45	Structural fastening bolt	2
36	Eye Bolt M24	Lifting eye bolt for handling	2
37	M24 Breather Plug	Oil and breather plug	1