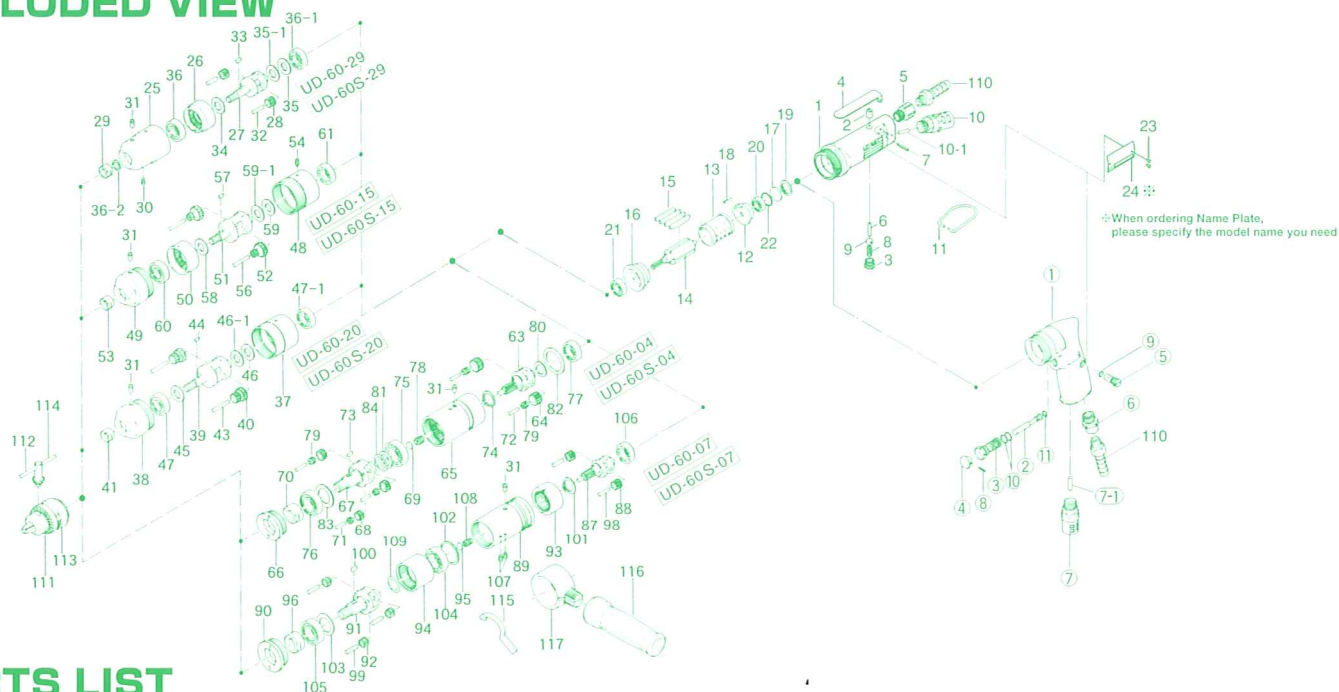


UD-60 SERIES (29,20,15,07,04) AIR DRILLS

EXPLODED VIEW



PARTS LIST

Index No.	Code No.	Parts Name	Quantity	Index No.	Code No.	Parts Name	Quantity	Index No.	Code No.	Parts Name	Quantity
617-984-7 Casing Assembly (Straight Handle)				#31 968-130-0				#72 972-117-0			
(Components are marked with ○)				#32 972-164-0				#73 974-010-0			
# 1	617-025-7	○ Casing	1	#33	974-005-0	Key (3×6)	1	#74	978-202-0	Snap Ring (20×1)	1
# 2	553-103-1	○ Valve Rod Bushing	1	#34	975-162-0	Spacer (24×12.5×0.4)	1	#75	982-103-0	Ball Bearing (6003)	1
# 3	201-108-1	○ Valve Plug	1	#35	975-138-0	Spacer (22×13.7×2)	1	#76	982-143-0	Ball Bearing (6003Z)	1
# 4	500-107-1	○ Valve Lever	1	#35-1	975-757-0	Adjusting Spacer (18×13×t)	1	#77	982-403-0	Ball Bearing (EE-4)	1
# 5	191-091-5	○ Air Inlet Bushing	1	#36	982-140-0	Ball Bearing (6000Z)	1	#78	988-004-0	Needle Bearing (NK5/12)	1
# 6	970-321-0	○ Pin (H)(4×21)	1	#36-1	982-403-0	Ball Bearing (EE-4)	1	#79	988-450-0	Needle Bearing (HK-0408)	1
# 7	973-124-0	○ Roll Pin (3×24)	1	#36-2	993-039-0	Felt Ring (25×17×3)	1	#80	975-136-0	Spacer (22×13.7×0.6)	1
# 8	977-154-0	○ Cone Spring (7×7.5×17)	1	#612-005-4 GEAR BOX ASSEMBLY FOR UD-60-20 & UD-60S-20				#81	975-172-0	Spacer (24×18×1)	1
# 9	981-030-0	○ Polyurethane Ball (3/8)	1	#37	612-035-3	Casing Connector	1	#82	975-294-0	Spacer (38×29×2)	1
#10	235-885-0	○ Silencer	1	#38	612-029-4	Gear Casing	1	#83	975-250-0	Spacer (32.5×21.2×1)	1
#10-1	027-744-7	○ Silencer Tube	1	#39	612-319-4	Anvil	1	#84	975-789-0	Adjusting Spacer (22×17×t)	1
#11	010-790-1	Suspension Ring	1	#40	612-470-4	Planet Gear	2	#31	968-130-0	Grease Cup (3/16)	1
612-984-0 Handle Assembly (Pistol Handle)				#41	603-411-1	Chuck Retainer	1	#612-005-6 GEAR BOX ASSEMBLY FOR UD-60-07 & UD-60S-07			
(Components are marked with ×)				#31	968-130-0	Grease Cup (3/16)	1	#87	612-480-6	Gear Cage	1
#1	612-025-0	× Handle	1	#43	972-174-0	Needle Roller (5×32)	2	#88	612-470-1	First Planet Gear	2
#2	603-100-2	× Valve	1	#44	974-005-0	Key (3×6)	1	#89	612-029-6	Gear Casing	1
#3	606-101-1	× Valve Bushing	1	#45	975-162-0	Spacer (24×12.5×0.4)	1	#90	612-070-1	Gear Casing Cover	1
#4	603-107-2	× Throttle Trigger	1	#46	975-138-0	Spacer (22×13.7×2)	1	#91	612-319-6	Anvil	1
#5	023-240-1	× Regulator Valve	1	#46-1	975-757-0	Adjusting Spacer (18×13×t)	1	#92	612-471-1	Second Planet Gear	3
#6	191-091-5	× Air Inlet Bushing	1	#47	982-140-0	Ball Bearing (6000Z)	1	#93	612-465-6	First Internal Gear	1
#7	235-885-0	× Silencer	1	#47-1	982-403-0	Ball Bearing (EE-4)	1	#94	612-466-6	Second Internal Gear	1
#7-1	027-744-7	× Silencer Tube	1	#612-005-7 GEAR BOX ASSEMBLY FOR UD-60-15 & UD-60S-15				#95	612-414-1	Front Cover	1
#8	973-010-0	× Roll Pin (2×10)	1	#48	612-035-3	Casing Connector	1	#96	609-411-1	Chuck Retainer	1
#9	990-003-0	× O-Ring (P-5)	1	#49	612-029-7	Gear Casing	1	#31	968-130-0	Grease Cup (3/16)	1
#10	990-610-0	× O-Ring (8×2)	2	#50	612-465-7	Internal Gear	1	#98	972-119-0	Needle Roller (4×18)	1
#11	990-203-0	× O-Ring (JW1516-3)	1	#51	612-319-7	Anvil	1	#99	972-163-0	Needle Roller (5×18)	3
Common Parts				#52	612-470-3	Planet Gear	2	#100	974-010-0	Key (3×10)	1
#12	600-285-2	Rear Plate	1	#53	603-411-1	Chuck Retainer	1	#101	978-202-0	Snap Ring (20×1)	1
#13	600-286-1	Cylinder	1	#54	952-205-0	Allen Head Screw(M5×5)	1	#102	975-269-0	Spacer (35×30×1)	1
#14	612-287-0	Rotor	1	#31	968-130-0	Grease Cup (3/16)	1	#103	975-250-0	Spacer (32.5×21.2×1)	1
#15	600-288-2	Blade	4	#56	972-174-0	Needle Roller (5×32)	2	#104	982-103-0	Ball Bearing (6003)	1
#16	612-288-0	Front Plate	1	#57	974-005-0	Key (3×6)	1	#105	982-143-0	Ball Bearing (6003Z)	1
#17	600-291-1	Rear Plate Spacer	1	#58	975-162-0	Spacer (24×12.5×0.4)	1	#106	982-403-0	Ball Bearing (EE-4)	1
#18	973-006-0	Roll Pin (2×6)	1	#59	975-138-0	Spacer (22×13.7×2)	1	#107	952-204-0	Allen Head Screw (M4×23)	2
#19	978-231-0	Snap Ring (23×1.2)	1	#59-1	975-757-0	Adjusting Spacer (18×13×t)	1	#108	988-004-0	Needle Roller Bearing(NK5/12)	1
#20	982-401-0	Ball Bearing (EE-2)	1	#60	982-140-0	Ball Bearing (6000Z)	1	#109	975-789-0	Adjusting Spacer (22×17×t)	1
#21	982-402-0	Ball Bearing (EE-3)	1	#61	982-403-0	Ball Bearing (EE-4)	1	ACCESSORIES			
#22	990-914-0	O-Ring (SNS-16)	1	#612-005-0 GEAR BOX ASSEMBLY FOR UD-60-04 & UD-60S-04				#110	940-114-0	Air Hose Nipple (NPTI/4×3/8)	1
#23	930-205-0	Driver Rivet	1	#63	612-480-0	Gear Cage	1	#111	923-070-0	Chuck (8MM)	1
#24	612-992-0	Name Plate UD-60-04	2	#64	612-470-0	First Planet Gear	2	#112	927-051-0	Chuck Handle (6.5)	1
#612-005-8 GEAR BOX ASSEMBLY FOR UD-60-29 & UD-60S-29				#65	612-029-9	Gear Casing	1	#113	923-071-0	Chuck (13MM)	1
#25	612-029-8	Gear Casing	1	#66	612-070-1	Gear Casing Cover	1	#114	927-053-0	Chuck Handle (10)	1
#26	612-465-8	Internal Gear	1	#67	612-319-0	Anvil	1	#115	937-065-0	Spanner (4.8×22×153)	1
#27	612-319-8	Anvil	1	#68	612-471-0	Second Planet Gear	3	#116	613-720-0	Dead Handle	1
#28	612-470-5	Planet Gear	2	#69	612-414-1	Front Cover	1	#117	612-730-0	Dead Handle Connector	1
#29	603-411-1	Chuck Retainer	1	#70	609-411-1	Chuck Retainer	1				
#30	312-757-1	Internal Gear Set Screw	1	#71	972-115-0	Needle Roller (4×16)	3				

When ordering spare parts, please specify tool type, code number and part name.

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