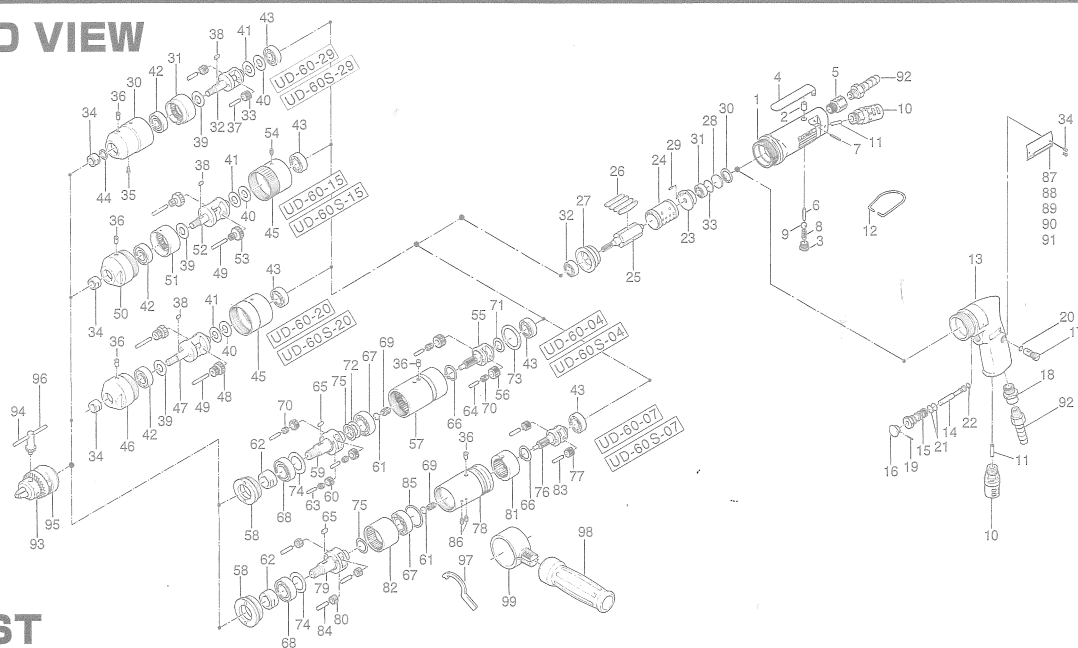


UD-60 SERIES (29,20,15,07,04) AIR DRILLS

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)				#39 975-162-0				#67 982-103-0			
(Components are marked with ○)				#40 975-138-0				#68 982-143-0			
#1	617-025-7	○ Casing	1	#41	975-757-0	Adjusting Spacer (18×13×t)	1	#69	988-004-0	Needle Roller Bearing (TAF51012)	1
#2	553-103-1	○ Valve Rod Bushing	1	#42	982-140-0	Ball Bearing (6000Z)	1	#70	988-450-0	Needle Roller Bearing (TLA48Z)	1
#3	201-108-1	○ Valve Plug	1	#43	982-403-0	Ball Bearing (EE-4)	1	#71	975-136-0	Spacer (22×13.7×0.6)	1
#4	500-107-1	○ Valve Lever	1	#44	993-039-0	Felt Ring (25×17×3)	1	#72	975-172-0	Spacer (24×18×1)	1
#5	191-091-5	○ Air Inlet Bushing	1	#612-005-4 GEAR BOX ASSEMBLY FOR UD-60-20 & UD-60S-20				#73	975-294-0	Spacer (38×29×2)	1
#6	970-321-0	○ Pin (H)(4×21)	1	#34	603-411-1	Chuck Retainer	1	#74	975-250-0	Spacer (32.5×21.2×1)	1
#7	973-124-0	○ Roll Pin (3×24)	1	#36	968-130-0	Grease Cup (3/16)	1	#75	975-789-0	Adjusting Spacer (22×17×t)	1
#8	977-154-0	○ Cone Spring (7×7.5×17)	1	#38	974-005-0	Key (3×6)	1	#612-005-6 GEAR BOX ASSEMBLY FOR UD-60-07 & UD-60S-07			
#9	981-030-0	○ Polyurethane Ball (3/8)	1	#39	975-162-0	Spacer (24×12.5×0.4)	1	#36	968-130-0	Grease Cup (3/16)	1
#10	235-885-0	○ Silencer	1	#40	975-138-0	Spacer (22×13.7×2)	1	#43	982-403-0	Ball Bearing (EE-4)	1
#11	027-744-7	○ Silencer Tube	1	#41	975-757-0	Adjusting Spacer (18×13×t)	1	#58	612-070-1	Gear Casing Cover	1
#12	010-790-1	Suspension Ring	1	#42	982-140-0	Ball Bearing (6000Z)	1	#61	612-414-1	Front Cover	1
612-984-0 Handle Assembly (Pistol Handle)				#43	982-403-0	Ball Bearing (EE-4)	1	#62	609-411-1	Chuck Retainer	1
(Components are marked with ×)				#45	612-035-3	Casing Connector	1	#65	974-010-0	Key (3×10)	1
#10	235-885-0	× Silencer	1	#46	612-029-4	Gear Casing	1	#66	978-202-0	Snap Ring (20×1)	1
#11	027-744-7	× Silencer Tube	1	#47	612-319-4	Anvil	1	#67	982-103-0	Ball Bearing (6003)	1
#13	612-025-0	× Handle	1	#48	612-470-4	Planet Gear	2	#68	982-143-0	Ball Bearing (6003Z)	1
#14	603-100-2	× Valve	1	#49	972-174-0	Needle Roller (5×32)	2	#69	988-004-0	Needle Roller Bearing (TAF51012)	1
#15	606-101-1	× Valve Bushing	1	#612-005-7 GEAR BOX ASSEMBLY FOR UD-60-15 & UD-60S-15				#74	975-250-0	Spacer (32.5×21.2×1)	1
#16	603-107-2	× Throttle Trigger	1	#34	603-411-1	Chuck Retainer	1	#75	975-789-0	Adjusting Spacer (22×17×t)	1
#17	023-240-1	× Regulator Valve	1	#36	968-130-0	Grease Cup (3/16)	1	#76	612-480-6	Gear Cage	1
#18	191-091-5	× Air Inlet Bushing	1	#38	974-005-0	Key (3×6)	1	#77	612-470-1	First Planet Gear	2
#19	973-010-0	× Roll Pin (2×10)	1	#39	975-162-0	Spacer (24×12.5×0.4)	1	#78	612-029-6	Gear Casing	1
#20	990-003-0	× O-Ring (P-5)	1	#40	975-138-0	Spacer (22×13.7×2)	1	#79	612-319-6	Anvil	1
#21	990-610-0	× O-Ring (8×2)	2	#41	975-757-0	Adjusting Spacer (18×13×t)	1	#80	612-471-1	Second Planet Gear	3
#22	990-203-0	× O-Ring (JW1516-3)	1	#42	982-140-0	Ball Bearing (6000Z)	1	#81	612-465-6	First Internal Gear	1
Common Parts				#43	982-403-0	Ball Bearing (EE-4)	1	#82	612-466-6	Second Internal Gear	1
#23	600-285-2	Rear Plate	1	#45	612-035-3	Casing Connector	1	#83	972-119-0	Needle Roller (4×18)	2
#24	600-286-1	Cylinder	1	#49	972-174-0	Needle Roller (5×32)	2	#84	972-163-0	Needle Roller (5×18)	3
#25	612-287-0	Rotor	1	#50	612-029-7	Gear Casing	1	#85	975-269-0	Spacer (35×30×1)	1
#26	600-288-2	Blade	4	#51	612-465-7	Internal Gear	1	#86	952-204-0	Allen Head Screw (M4×23)	2
#27	612-289-0	Front Plate	1	#52	612-319-7	Anvil	1	INDIVIDUAL NAME PLATES FOR PISTOL HANDLE			
#28	600-291-1	Rear Plate Spacer	1	#53	612-470-3	Planet Gear	2	#87	912-924-5	Name Plate for UD-60-29	1
#29	973-006-0	Roll Pin (2×6)	1	#54	952-220-0	Allen Head Screw (M5×5)	1	#88	612-924-4	Name Plate for UD-60-20	1
#30	978-231-0	Snap Ring (23×1.2)	1	#612-005-8 GEAR BOX ASSEMBLY FOR UD-60-04 & UD-60S-04				#89	612-924-3	Name Plate for UD-60-15	1
#31	982-401-0	Ball Bearing (EE-2)	1	#36	968-130-0	Grease Cup (3/16)	1	#90	612-924-1	Name Plate for UD-60-07	1
#32	982-402-0	Ball Bearing (EE-3)	1	#43	982-403-0	Ball Bearing (EE-4)	1	#91	612-924-0	Name Plate for UD-60-04	1
#33	990-914-0	O-Ring (SNS-16)	1	#55	612-480-0	Gear Cage	1	Accessories			
#34	930-205-0	Driver Rivet	1	#56	612-470-0	First Planet Gear	2	#92	940-114-0	Air Hose Nipple (NPT1/4×3/8)	1
#612-005-8 GEAR BOX ASSEMBLY FOR UD-60-29 & UD-60S-29				#57	612-029-9	Gear Casing	1	#93	923-070-0	Chuck (8MM)	1
#30	612-029-8	Gear Casing	1	#58	612-070-1	Gear Casing Cover	1	#94	927-051-0	Chuck Handle (6.5)	1
#31	612-465-8	Internal Gear	1	#59	612-319-0	Anvil	1	#95	923-071-0	Chuck (13MM)	1
#32	612-319-8	Anvil	1	#60	612-471-0	Second Planet Gear	3	#96	927-053-0	Chuck Handle (10)	1
#33	612-470-5	Planet Gear	2	#61	612-414-1	Front Cover	1	#97	937-065-0	Spanner (4.8×22×153)	1
#34	603-411-1	Chuck Retainer	1	#62	609-411-1	Chuck Retainer	1	#98	613-720-0	Dead Handle	1
#35	312-757-1	Internal Gear Set Screw	1	#63	972-115-0	Needle Roller (4×16)	3	#99	612-730-0	Dead Handle Connector	1
#36	968-130-0	Grease Cup (3/16)	1	#64	972-117-0	Needle Roller (4×17)	2				
#37	972-164-0	Needle Roller (5×20)	2	#65	974-010-0	Key (3×10)	1				
#38	974-005-0	Key (3×6)	1	#66	978-202-0	Snap Ring (20×1)	1				

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

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