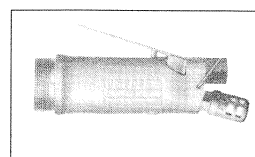
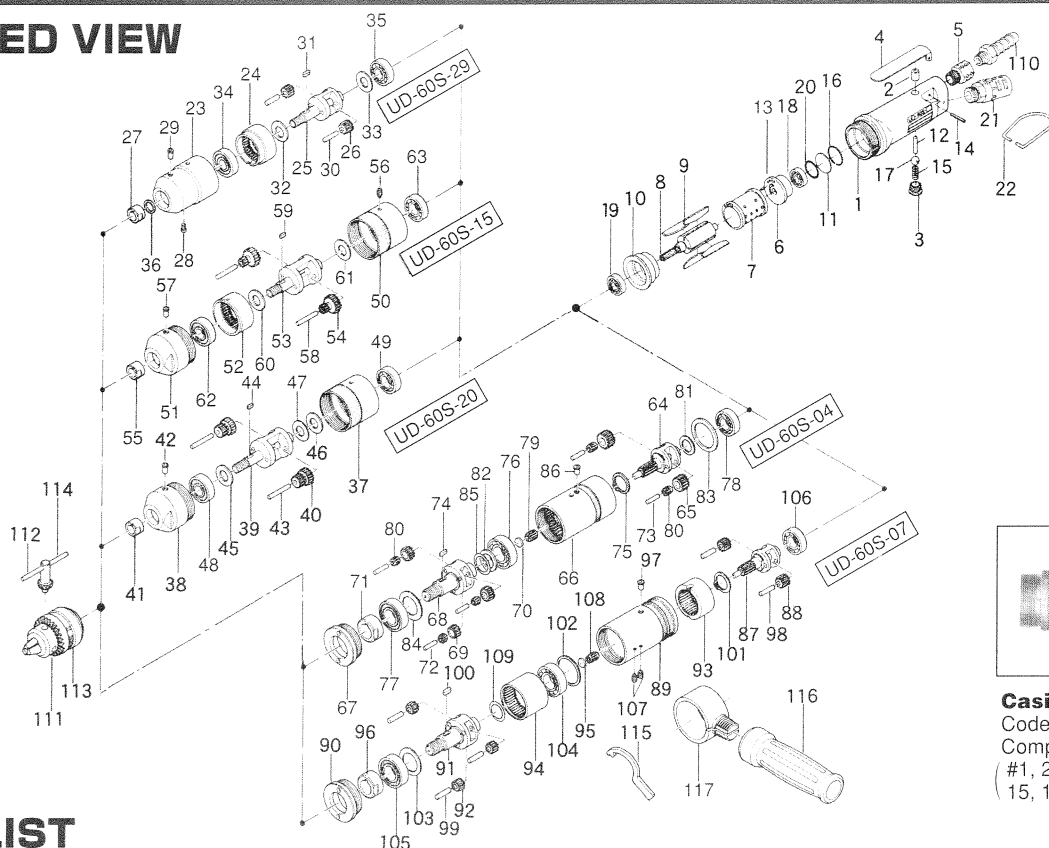


UD-60S SERIES(29,20,15,07,04) AIR DRILLS

EXPLODED VIEW



Casing Assembly
Code 617-984-7
Components
(#1, 2, 3, 4, 5, 12, 14,
15, 17, 21,

PARTS LIST

Index No.	Code No.	Parts Name	Quantity	Index No.	Code No.	Parts Name	Quantity	Index No.	Code No.	Parts Name	Quantity
Common Parts				#40	612-470-4	Planet Gear	2	#80	988-450-0	Needle Roller Bearing (HK-0408)	5
#1	617-025-7	Casing	1	#41	603-411-1	Chuck Retainer	1	#81	975-136-0	Spacer (22×13.7×0.6)	1
#2	553-103-1	Valve Rod Bushing	1	#42	968-130-0	Grease Cup (3/16)	1	#82	975-172-0	Spacer (24×18×1)	1
#3	201-108-1	Valve Plug	1	#43	972-174-0	Needle Roller (5×32)	2	#83	975-294-1	Spacer (38×29×2)	1
#4	500-107-1	Valve Lever	1	#44	974-005-0	Key (3×6)	1	#84	975-250-0	Spacer (32.5×21.2×1)	1
#5	191-091-5	Air Inlet Bushing	1	#45	975-162-0	Spacer (24×12.5×0.4)	1	#85	975-789-0	Adjusting Spacer (22×17×1)	1
#6	600-285-2	Rear Plate	1	#46	975-138-0	Spacer (22×13.7×2)	1	#86	968-130-0	Grease Cup (3/16)	1
#7	600-286-1	Cylinder	1	#47	975-757-0	Adjusting Spacer (18×13×1)	1	#612-005-6 Gear Box Assembly for UD-60S-07			
#8	612-287-0	Rotor	1	#48	982-140-0	Ball Bearing (6000Z)	1	#87	612-480-6	Gear Cage	1
#9	600-288-2	Blade	4	#49	982-403-0	Ball Bearing (EE-4)	1	#88	612-470-1	First Planet Gear	2
#10	612-289-0	Front Plate	1	#612-005-7 Gear Box Assembly for UD-60S-15				#89	612-029-6	Gear Casing	1
#11	600-291-1	Rear Plate Spacer	1	#50	612-035-3	Casing Connector	1	#90	612-070-1	Gear Casing Cover	1
#12	970-321-0	Pin (H) (4×21)	1	#51	612-029-7	Gear Casing	1	#91	612-319-6	Anvil	1
#13	973-006-0	Roll Pin (2×6)	1	#52	612-465-7	Internal Gear	1	#92	612-471-1	Second Planet Gear	3
#14	973-124-0	Roll Pin (3×24)	1	#53	612-319-7	Anvil	1	#93	612-465-6	First Internal Gear	1
#15	977-154-0	Cone Spring (7×7.5×17)	1	#54	612-470-3	Planet Gear	2	#94	612-466-6	Second Internal Gear	1
#16	978-231-0	Snap Ring (23×1.2)	1	#55	603-411-1	Chuck Retainer	1	#95	612-414-1	Front Cover	1
#17	981-030-0	Polyurethane Ball (3/8)	1	#56	952-205-0	Allen Head Dog Point Screw (M5×5)	1	#96	609-411-1	Chuck Retainer	1
#18	982-401-0	Ball Bearing (EE-2)	1	#57	968-130-0	Grease Cup (3/16)	1	#97	968-130-0	Grease Cup (3/16)	1
#19	982-402-0	Ball Bearing (EE-3)	1	#58	972-174-0	Needle Roller (5×32)	2	#98	972-119-0	Needle Roller (4×18)	2
#20	990-914-0	O-Ring (SNS-16)	1	#59	974-005-0	Key (3×6)	1	#99	972-163-0	Needle Roller (5×18)	3
#21	027-885-6	Silencer Assembly	1	#60	975-162-0	Spacer (24×12.5×0.4)	1	#100	974-010-0	Key (3×10)	1
#22	010-790-1	Suspension Bail	1	#61	975-138-0	Spacer (22×13.7×2)	1	#101	978-202-0	Snap Ring (20×1)	1
#612-005-8 Gear Box Assembly for UD-60S-29				#62	982-140-0	Ball Bearing (6000Z)	1	#102	975-269-0	Spacer (35×30×1)	1
#23	612-029-8	Gear Casing	1	#63	982-403-0	Ball Bearing (EE-4)	1	#103	975-250-0	Spacer (32.5×21.2×1)	1
#24	612-465-8	Internal Gear	1	#612-005-0 Gear Box Assembly for UD-60S-04				#104	982-103-0	Ball Bearing (6003)	1
#25	612-319-8	Anvil	1	#64	612-480-0	Gear Cage	1	#105	982-143-0	Ball Bearing (6003Z)	1
#26	612-470-5	Planet Gear	2	#65	612-470-0	First Planet Gear	2	#106	982-403-0	Ball Bearing (EE-4)	1
#27	603-411-1	Chuck Retainer	1	#66	612-029-9	Gear Casing	1	#107	952-204-0	Allen Head Dog Point Screw (M4×23)	2
#28	312-757-1	Internal Gear Set Screw	1	#67	612-070-1	Gear Casing Cover	1	#108	988-004-0	Needle Roller Bearing (NK5/12)	1
#29	968-130-0	Grease Cup (3/16)	1	#68	612-319-0	Anvil	1	#109	975-789-0	Adjusting Spacer (22×17×1)	1
#30	972-164-0	Needle Roller (5×20)	2	#69	612-471-0	Second Planet Gear	3	ACCESSORIES			
#31	974-005-0	Key (3×6)	1	#70	612-414-1	Front Cover	1	#110	940-114-0	Air Hose Nipple (NPT1/4×3/8)	1
#32	975-162-0	Spacer (24×12.5×0.4)	1	#71	609-411-1	Chuck Retainer	1	#111	923-070-0	Chuck (8mm)	1
#33	975-138-0	Spacer (22×13.7×2)	1	#72	972-115-0	Needle Roller (4×17)	2	#112	927-050-0	Chuck Handle (5mm)	1
#34	982-140-0	Ball Bearing (6000Z)	1	#73	972-117-0	Needle Roller (4×17)	2	#113	923-071-0	Chuck (13mm)	1
#35	982-403-0	Ball Bearing (EE-4)	1	#74	974-010-0	Key (3×19)	1	#114	927-053-0	Chuck Handle (10mm)	1
#36	993-039-0	Felt Ring (25×17×3)	1	#75	978-202-0	Snap Ring (20×1)	1	#115	937-065-0	Spanner (4.8×22×153)	1
#612-005-4 Gear Box Assembly for UD-60S-20				#76	982-103-0	Ball Bearing (6003)	1	#116	613-720-0	Dead Handle	1
#37	612-035-3	Casing Connector	1	#77	982-143-0	Ball Bearing (6003Z)	1	#117	612-730-0	Dead Handle Connector	1
#38	612-029-4	Gear Casing	1	#78	982-403-0	Ball Bearing (EE-4)	1				
#39	612-319-4	Anvil	1	#79	988-004-0	Needle Roller Bearing (NK5/12)	1				

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

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