

Fuji USER MANUAL

DRILLS

MODELS : FRD-6S-5, -7



FRD-6S-7

FRD-6S-5

SPECIFICATIONS

Model	Drilling Capacity (Guidance)		Stall Torque			Free Speed	Spindle Thread Size	Chuck Capacity	Side to Center		Overall Length		Mass		Max.Air Consumption		Air Inlet Thread Size	Air Hose Size	
	mm	in	N·m	kgf·m	ft·lb	min ⁻¹	in	mm	mm	in	mm	in	kg	lb	Nm ³ /min	Nft ³ /min	in	mm	in
FRD-6S-5	10	7/16	6.9	0.7	5	1300	U3/8-24	10	23	29/32	233	93/16	1	2.2	0.68	24.0	PT or NPT ¹ /4	9.5	3/8
FRD-6S-7	13	1/2	15.7	1.6	11.5	600	U1/2-20	13	21	53/64	261	109/32	1.5	3.3	0.68	24.0	PT or NPT ¹ /4	9.5	3/8

* The performance figures are at 0.63 MPa (6.3 bar).

 Refer to "The Instructions and Warning for Safety Use" enclosed in each tool box.

Fuji Industrial Technique Co.,Ltd.

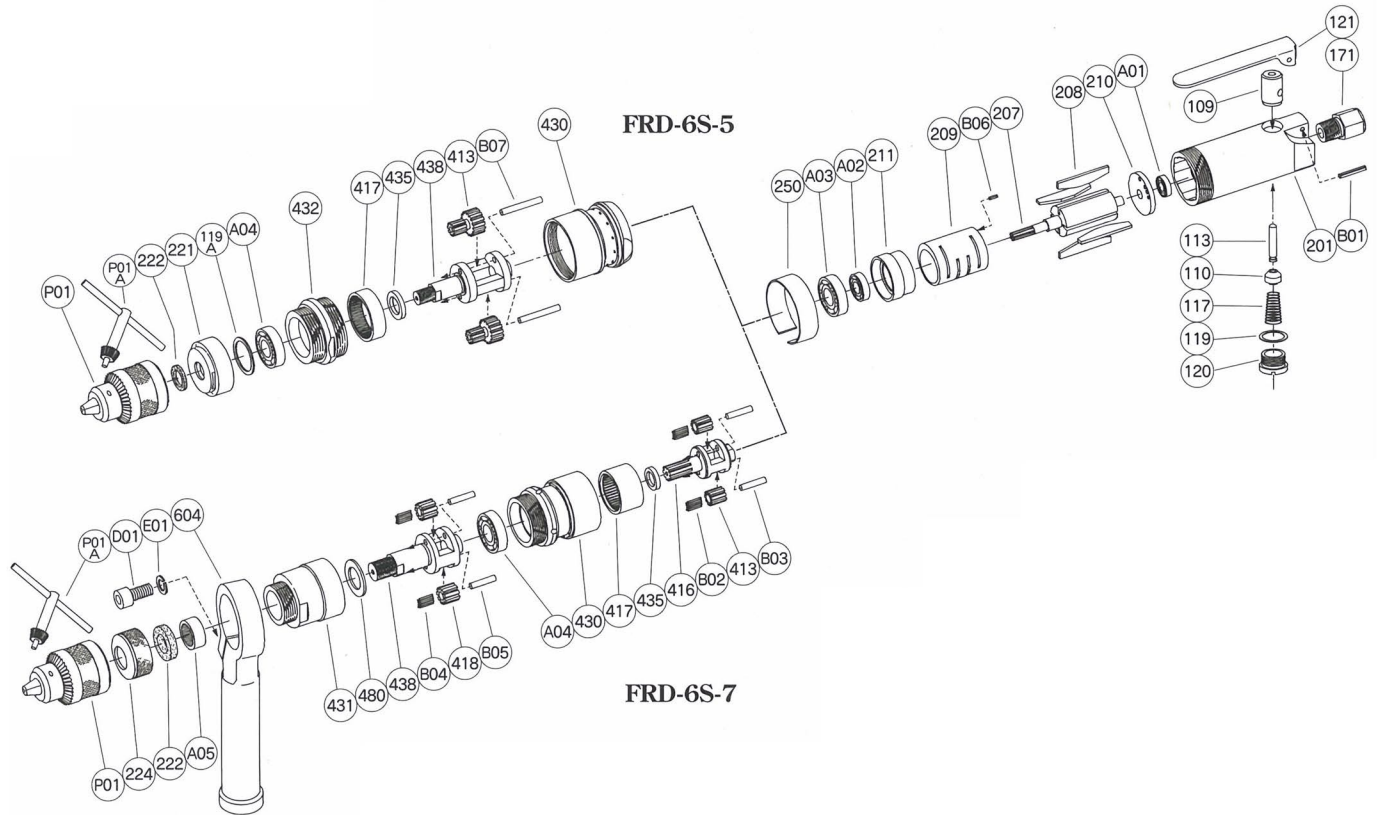
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MODELS : FRD-6S-5, -7

EXPLODED VIEW



PARTS LIST

Index No.	Parts No.	Parts Name	Qt.	Index No.	Parts No.	Parts Name	Qt.	Index No.	Parts No.	Parts Name	Qt.
FRD-6S-5, -7				413	T-001413-00	No.1 Planet Gear	2	209	D-001209-00	Cyclinder	1
—	D-002006-00	Housing C.P		417	T-001417-00	No.1 Internal Gear	1	(B06)	SP-26	Spring Pin	1
109	D-002109-01	Throttle Valve Bushing	1	430	D-050430-00	No.1 Gear Case	1	210	D-002210-02	Cylinder Upper Plate	1
117	D-001117-00	Throttle Valve Spring	1	432	D-050432-00	Gear Case Cover	1	211	D-001211-00	Cylinder Lower Plate	1
119	G-028119-00	T.V. Cover Packing	1	435	D-050435-00	Thrust Washer	1	222	R-003222-00	Felt Ring	1
120	G-028120-00	Throttle Valve Cover	1	438	D-050438-A	Spindle	1	224	M-002224-00	Packing Case	1
121	G-028121-00	Throttle Valve Lever	1	A01	BB-626	Ball Bearing	1	250	D-001250-00	Exhaust Cover	1
171	IB-202000	Inlet Bushing <PT>	1	A02	BB-608	Ball Bearing	1	416	M-004416-00	No.1Planet Gear Frame	1
171	IB-202N00	Inlet Bushing <NPT>	1	A03	BB-EE4	Ball Bearing	1	417	D-001417-00	No.1 Internal Gear	1
201	D-002201-01	Housing	1	A04	BB-EE4	Ball Bearing	1	430	D-001430-00	No.1 Gear Case	1
B01	SP-320	Spring Pin	1	B07	NR-431	Needle Roller	2	431	M-002431-00	No.2 Gear Case	1
—	G-028008-00	Throttle Valve Rod C.P		P01	DCK-10	Drill Chuck	1	435	M-002435-00	Thrust Washer	1
110	H-001110-02	Throttle Valve	1	(P01A)	DCK-10H	Drill Chuck Handle	1	438	D-048438-00	Spindle	1
113	G-028113-00	Throttle Valve Rod	1	FRD-6S-7				480	M-002480-00	Thrust Washer 	1
FRD-6S-5				—	D-001041-00	No.1 Planet Gear C.P	2	604	M-002604-00	Dead Handle	1
119A	G-011119-00	T.V. Cover Packing	1	413	D-001413-00	No.1 Planet Gear	1	(D01)	CS-825	Cap Screw	1
207	D-001207-00	Rotor	1	(B02)	NR-110.5	Needle Roller	15	(E01)	SW-8	Spring Washer	1
208	W-100208-00	Rotor Blade	4	B03	NR-419	Needle Roller	1	A01	BB-626	Ball Bearing	1
209	D-001209-00	Cylinder	1	—	M-002041-00	No.2 Planet Gear C.P	2	A02	BB-608	Ball Bearing	1
(B06)	SP-26	Spring Pin	1	418	M-002418-00	No.2 Planet Gear	1	A03	BB-EE4	Ball Bearing	1
210	D-002210-02	Cylinder Upper Plate	1	(B04)	NR-110.5	Needle Roller	15	A04	BB-EE4	Ball Bearing	1
211	D-001211-00	Cylinder Lower Plate	1	B05	NR-419	Needle Roller	1	A05	NB-SC108	Needle Bearing	1
221	D-050221-00	Spindle Bearing Cover	1	207	D-001207-00	Rotor	1	P01	DCK-13	Drill Chuck	1
222	D-014222-00	Felt Ring	1	208	W-100208-00	Rotor Blade	4	(P01A)	DCK-13H	Drill Chuck Handle	1
250	M-002250-00	Exhaust Cover	1								

- The related parts are shown in the thick frame.
- #209,413,418,P01 and 604 are supplied together with parts shown in ().
- Specify parts number and quantity in ordering.

※The quantity of the Planet Gear Ass'y is for one set of tool.

The quantity of components of the Planet Gear Ass'y is for one pc. of Ass'y.

Standard Accessory

AC No.	Description	Qt.
FRD-6S-5	F-103 10mm Open-End Wrench	1
	F-706 6mm Hex. Pin Wrench	1
FRD-6S-7	F-105 14mm Open-End Wrench	1