Fuji USER MANUAL

CORNER DRILLS

MODELS : FCD-50R-11, -11S



FCD-50R-11, -11S

SPECIFICATIONS

Model	Capacity				Stall Torque			Rotational Frequency	Socket	Side to Center		Feed Length		Overall Length		Mass		Max. Air Consumption		Air Hose Size	
	Drilling		Reaming·Tapping																		
	mm	in	mm	in	N·m	kgf·m	lbf·ft	min⁻¹	M.T.#	mm	in	mm	in	mm	in	kg	lb	m³/min	ft³/min	mm	in
FCD-50R-11	50	2	50	2	392	40	289.3	140	4	41	1 39/64	58	2 5/16	595	22 27/64	16	35.2	2.25	79.4	19	3/4
FCD-50R-11S	50	2	50	2	392	40	289.3	140	4	41	1 39/64	58	2 5/16	595	22 27/64	16	35.2	1.80	63.5	19	3/4

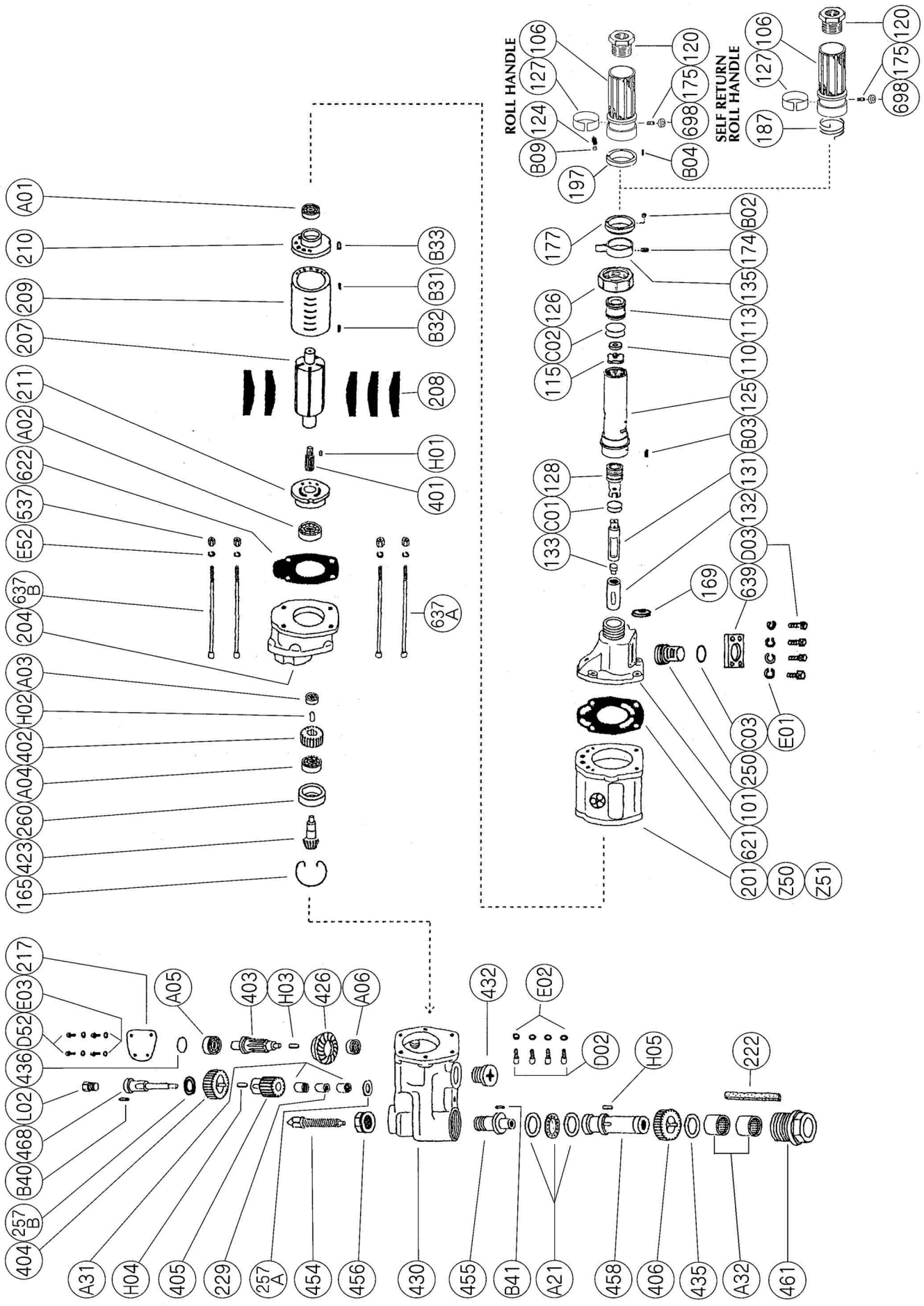
※Air inlet thread size: PT or NPT 1/2".
※The models with "S" at the end of model names are Self Return Rolling Throttle types.
○The performance figures are at 0.63 MPa (6.3 bar).

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

Specifications are subject to change without notice.

MODELS : FCD-50R-11, -11S

EXPLODED VIEW



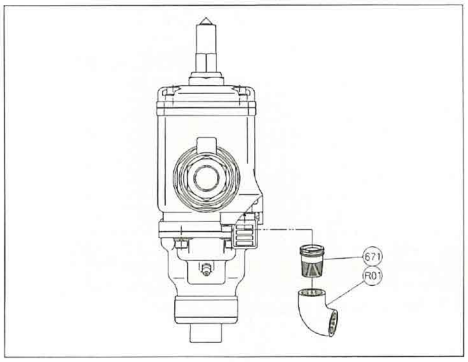
MODELS : FCD-50R-11, -11S

PARTS LIST

Index No.	Parts No.	Parts Name	Qt.
	FCD-50R-11 Roll Handle Type		
Ass'y No.	**D-096004-00**	Throttle Valve Stem Ass'y〈PT〉	
Ass'y No.	**D-096004-06**	Throttle Valve Stem Ass'y〈NPT〉	
106	D-029106-03	Throttle Valve Handle	1
110	D-029110-01	Throttle Valve	1
113	D-029113-01	Throttle Valve Rod	1
115	D-029115-01	Throttle Valve Sheet	1
120	D-029120-03	Throttle Valve Cover〈PT〉	1
	D-029120-04	Throttle Valve Cover〈NPT〉	1
124	G-005124-00	Knock Spring	1
125	D-015125-03	Throttle Valve Stem	1
(B03)	SP-310	Spring Pin	1
126	D-015126-00	Throttle Valve Stem Nut	1
127	D-029127-00	Throttle Valve Handle Band	1
128	D-015128-01	Reverse Valve Rod	1
135	D-029135-01	Reverse Valve Lever	1
174	D-029174-01	Small Screw	1
175	D-029175-01	Small Screw〈B〉	1
177	D-029177-03	Throttle Handle Step	1
197	D-098197-00	Handle Bushing	1
(B04)	SP-28	Spring Pin	1
698	D-029698-00	Guide Roller	1
B02	NR-56	Needle Roller	1
B09	NR-35FR	Needle Roller	1
C01	O-14	"O" Ring	2
C02	O-S24	"O" Ring	2
	FCD-50R-11S Self Return Roll Handle Type		
Ass'y No.	**D-096004-01**	Throttle Valve Stem Ass'y〈PT〉	
Ass'y No.	**D-096004-07**	Throttle Valve Stem Ass'y〈NPT〉	
106	D-029106-03	Throttle Valve Handle	1
110	D-029110-01	Throttle Valve	1
113	D-029113-01	Throttle Valve Rod	1
115	D-029115-01	Throttle Valve Sheet	1
120	D-029120-03	Throttle Valve Cover〈PT〉	1
	D-029120-04	Throttle Valve Cover〈NPT〉	1
125	D-015125-03	Throttle Valve Stem	1
(B03)	SP-310	Spring Pin	1
126	D-015126-00	Throttle Valve Stem Nut	1
127	D-029127-00	Throttle Valve Handle Band	1
128	D-015128-01	Reverse Valve Rod	1
135	D-029135-01	Reverse Valve Lever	1

Index No.	Parts No.	Parts Name	Qt.
174	D-029174-01	Small Screw	1
175	D-029175-01	Small Screw〈B〉	1
177	D-029177-03	Throttle Handle Step	1
187	D-029187-00	Throttle Valve Handle Spring	1
698	D-029698-00	Guide Roller	1
B02	NR-56	Needle Roller	1
C01	O-14	"O" Ring	2
C02	O-S24	"O" Ring	2
	FCD-50R-11, -11S		
Ass'y No.	**D-098001-53**	Housing Cover Semi Ass'y	
101	D-098101-03	Housing Cover	1
132	D-029132-00	Reverse Valve Bushing	1
169	D-098169-00	Reverse Valve Washer	1
131	D-029131-00	Reverse Valve	1
133	D-029133-00	Reverse Valve Sheet	1
165	D-029165-00	Stop Ring	1
201	D-114201-01	Housing (FCD-50R-11)	1
	D-114201-02	Housing (FCD-50R-11S)	1
204	D-030204-00	Housing Lower Cover	1
207	D-029207-00	Rotor	1
208	D-029208-00	Rotor Blade	5
209	D-029209-00	Cylinder	1
(B31)	SP-312	Spring Pin	1
(B32)	SP-312	Spring Pin	1
210	D-029210-00	Cylinder Upper Plate	1
211	D-029211-00	Cylinder Lower Plate	1
217	D-030217-00	Bearing Cover	1
222	D-030222-00	Felt Ring	1
229	D-030229-00	Bearing Spacer	1
250	D-098250-00	Exhaust Cover	1
257A	D-033257-00	Washer	1
257B	D-030257-00	Washer	1
260	D-029260-00	Bearing Case	1
401	D-071401-00	No.1 Pinion	1
402	D-071402-00	No.1 Gear	1
403	D-071403-00	No.2 Pinion	1
404	D-070404-00	No.2 Gear	1
405	D-070405-00	No.3 Pinion	1
406	D-070406-00	No.3 Gear	1
423	D-030423-00	Bevel Pinion	1
426	D-030426-00	Bevel Gear	1
430	D-066430-00	No.1 Gear Case	1
432	D-030432-00	Gear Case Cover	1
435	D-114435-00	Thrust Washer	1

Index No.	Parts No.	Parts Name	Qt.
436	D-029436-00	Bearing Holder	1
454	D-066454-00	Feed Screw	1
455	D-066455-00	Feed Sleeve	1
456	D-066456-00	Feed Sleeve Nut	1
458	D-114458-00	MT. Socket	1
461	D-114461-00	Socket Nut	1
468	D-030468-00	No.2 Gear Spindle	1
537	W-086537-00	Hexagon Nut	4
621	D-029621-00	Packing〈A〉	1
622	D-029622-00	Packing〈B〉	1
637A	D-029637-00	Half-Cut Head Bolt	2
637B	D-029637-01	Half-Cut Head Bolt	2
639	D-098639-00	Exhaust Cover Holder	1
A01	BB-6203	Ball Bearing	1
A02	BB-6005	Ball Bearing	1
A03	BB-629	Ball Bearing	1
A04	BB-6203	Ball Bearing	1
A05	BB-6203	Ball Bearing	1
A06	BB-6202	Ball Bearing	1
A21	BB-2906	Thrust Bearing	1
A31	NB-SC1212	Needle Bearing	2
A32	NB-NK45/20R	Needle Bearing	2
B33	P-67	Pin	1
B40	SP-410	Spring Pin	1
B41	SP-410	Spring Pin	1
C03	O-P22A	"O" Ring	1
D02	CS-622	Cap Screw	6
D03	CS-615	Cap Screw	4
D52	S-610R	Screw	4
E01	SW-6	Spring Washer	4
E02	SW-6	Spring Washer	6
E03	SW-6	Spring Washer	4
E52	SW-6	Spring Washer	4
H01	K-43.515	Key	1
H02	K-4414.5	Key	1
H03	K-5513	Key	1
H04	K-5518	Key	1
H05	K-10620	Key	1
L02	PL-1/4	Plug	1
Z50	NP-5003	Name Plate	1
Z51	NPN-0×3.2	Screw Rivet	2



OPTIONAL PART LIST : EXHAUST HOUSE JOINT

Index No.	Parts No.	Parts Name	Qt.
671	D-097671-00	Exhaust Cover Joint	1
R01	JE-3/4	Elbow Joint	1

☐ Ass'y No. denotes no. of the assembled parts comprising of more than 1 pc. of parts.
The related parts are shown in the thick frame.

☐ #125, 197 and 209 are supplied together with parts shown in ( ).

☐ Specify parts number and quantity in ordering.

■ Standerd Accessory

AC No.	Description	Qt.
F-706	6mm Hex. Pin Wrench	1

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