

Fuji USER MANUAL

CORNER DRILLS

MODELS : FCD-32R-11, -11S



FCD-32R-11, -11S

SPECIFICATIONS

Model	Capacity(Guidance)						Stall Torque			Rotational Frequency	Socket	Side To Center		Feed Length		Overall Length		Mass		Max. Air Consumption	
	Drilling		Reaming		Tapping																
	mm	in	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
FCD-32R-11	32	1 1/4	32	1 1/4	32	1 1/4	177	18	130.1	350	3	35	1 3/8	53	2 1/8	578	22 3/4	13.5	29.7	1.8	63.5
FCD-32R-11S	32	1 1/4	32	1 1/4	32	1 1/4	177	18	130.1	350	3	35	1 3/8	53	2 1/8	578	22 3/4	13.5	29.7	1.8	63.5

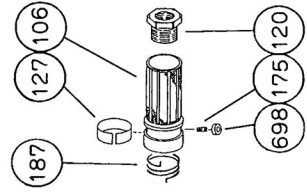
*Air Inlet Thread Size : PT or NPT 1/2".

*Air Hose Size : 19.0mm(3/4").

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

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

ROLL HANDLE



PARTS LIST

Index No.	Parts No.	Parts Name	Qt.	Index No.	Parts No.	Parts Name	Qt.	Index No.	Parts No.	Parts Name	Qt.
FCD-32R-11 Roll Handle Type				FCD-32R-11,-11S				A04	BB-6203	Ball Bearing	1
Ass'y No.	D-096004-00	Throttle Valve Stem Ass'y <PT>		Ass'y No.	D-098001-53	Housing Cover Semi Ass'y		A05	BB-6203	Ball Bearing	1
Ass'y No.	D-096004-06	Throttle Valve Stem Ass'y <NPT>		101	D-098101-03	Housing Cover	1	A06	BB-6200	Ball Bearing	1
106	D-029106-03	Throttle Valve Handle	1	132	D-029132-00	Reverse Valve Bushing	1	A21	BB-2905	Needle Bearing	1
110	D-029110-01	Throttle Valve	1	169	D-098169-00	Reverse Valve Washer	1	A31	NB-SC108	Thrust Bearing	2
113	D-029113-01	Throttle Valve Rod	1	131	D-029131-00	Reverse Valve	1	A32	NB-SC2220	Needle Bearing	1
115	D-029115-01	Throttle Valve Sheet	1	133	D-029133-00	Reverse Valve Sheet	1	B33	P-67	Pin	1
120	D-029120-03	Throttle Valve Cover <PT>	1	165	D-029165-00	Stop Ring	1	B40	SP-410	Spring Pin	1
	D-029120-04	Throttle Valve Cover <NPT>	1	201	D-098201-00	Housing	1	B41	SP-410	Spring Pin	1
124	G-005124-00	Knock Spring	1	204	D-029204-00	Housing Lower Cover	1	C03	O-P22A	"O" Ring	1
125	D-015125-03	Throttle Valve Stem	1	207	D-029207-00	Rotor	1	D02	CS-622	Cap Screw	6
(B03)	SP-310	Spring Pin	1	208	D-029208-00	Rotor Blade	5	D03	CS-615	Cap Screw	4
126	D-015126-00	Throttle Valve Stem Nut	1	209	D-029209-00	Cylinder	1	D52	S-610R	Screw	4
127	D-029127-00	Throttle Valve Handle Band	1	(B31)	SP-312	Spring Pin	1	E01	SW-6	Spring Washer	4
128	D-015128-01	Reverse Valve Rod	1	(B32)	SP-312	Spring Pin	1	E02	SW-6	Spring Washer	6
135	D-029135-01	Reverse Valve Lever	1	210	D-029210-00	Cylinder Upper Plate	1	E03	SW-6	Spring Washer	4
174	D-029174-01	Small Screw	1	211	D-029211-00	Cylinder Lower Plate	1	E52	SW-6	Spring Washer	4
175	D-029175-01	Small Screw 	1	217	D-029217-00	Bearing Cover	1	H01	K-43.515	Key	1
177	D-029177-03	Throttle Handle Step	1	222	D-029222-00	Felt Ring	1	H02	K-4414.5	Key	1
197	D-098197-00	Handle Bushing	1	229	D-029229-00	Bearing Spacer	1	H03	K-5513	Key	1
(B04)	SP-28	Spring Pin	1	250	D-098250-00	Exhaust Cover	1	H04	K-5515	Key	1
698	D-029698-00	Guide Roller	1	257	D-029257-00	Washer	1	H05	K-5515	Key	1
B02	NR-56	Needle Roller	1	260	D-029260-00	Bearing Case	1	L02	PL-3/8	Plug	1
B09	NR-35FR	Needle Roller	1	401	D-029401-01	No.1 Pinion	1				
C01	O-14	"O" Ring	2	402	D-029402-01	No.1 Gear	1				
C02	O-S24	"O" Ring	2	403	D-029403-00	No.2 Pinion	1				
FCD-32R-11S Self Return Roll Handle Type				404	D-029404-00	No.2 Gear	1				
Ass'y No.	D-096004-01	Throttle Valve Stem Ass'y <PT>		405	D-029405-00	No.3 Pinion	1				
Ass'y No.	D-096004-07	Throttle Valve Stem Ass'y <NPT>		406	D-029406-00	No.3 Gear	1				
106	D-029106-03	Throttle Valve Handle	1	423	D-029423-00	Bevel Pinion	1				
110	D-029110-01	Throttle Valve	1	426	D-029426-00	Bevel Gear	1				
113	D-029113-01	Throttle Valve Rod	1	430	D-029430-00	No.1 Gear Case	1				
115	D-029115-01	Throttle Valve Sheet	1	432	D-029432-00	Gear Case Cover	1				
120	D-029120-03	Throttle Valve Cover <PT>	1	436	D-029436-00	Bearing Holder	1				
	D-029120-04	Throttle Valve Cover <NPT>	1	454	D-029454-00	Feed Screw	1				
125	D-015125-03	Throttle Valve Stem	1	455	D-029455-00	Feed Sleeve	1				
(B03)	SP-310	Spring Pin	1	456	D-029456-00	Feed Sleeve Nut	1				
126	D-015126-00	Throttle Valve Stem Nut	1	458	D-029458-A	MT. Socket	1				
127	D-029127-00	Throttle Valve Handle Band	1	461	D-029461-00	Socket Nut	1				
128	D-015128-01	Reverse Valve Rod	1	468	D-029468-00	No.2 Gear Spindle	1				
135	D-029135-01	Reverse Valve Lever	1	537	W-086537-00	Hexagon Nut	4				
174	D-029174-01	Small Screw	1	621	D-029621-00	Packing <A>	1				
175	D-029175-01	Small Screw 	1	622	D-029622-00	Packing 	1				
177	D-029177-03	Throttle Handle Step	1	637A	D-029637-00	Half-Cut Head Bolt	2				
187	D-029187-00	Throttle Valve Handle Spring	1	637B	D-029637-01	Half-Cut Head Bolt	2				
698	D-029698-00	Guide Roller	1	639	D-098639-00	Exhaust Cover Holder	1				
B02	NR-56	Needle Roller	1	A01	BB-6203	Ball Bearing	1				
C01	O-14	"O" Ring	2	A02	BB-6005	Ball Bearing	1				
C02	O-S24	"O" Ring	2	A03	BB-629	Ball Bearing	1				

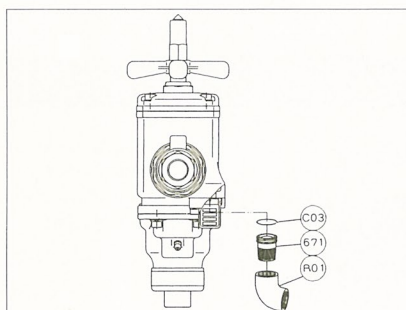
☐ Ass'y No. denotes no. of the assembled parts comprising of more than 1 pc. of parts.
The related parts are shown in the thick frame.

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

☐ Specify parts number and quantity in ordering.

■ Standard Accessory:

F-7088mm Hex. Pin Wrench 1.



OPTIONAL PART LIST : EXHAUST HOUSE JOINT

Index No.	Parts No.	Parts Name	Qt.
671	D-097671-00	Exhaust Cover Joint	1
C03	O-P22A	"O" Ring	1
R01	JE-3/4	Elbow Joint	1

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