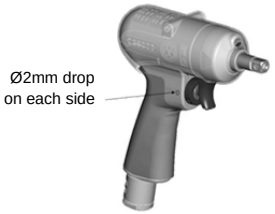
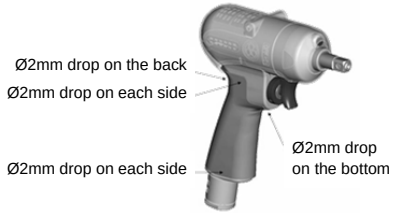
Mounting

Reverse valve pin



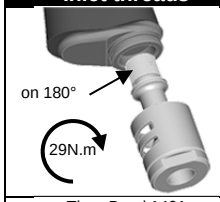
Konishi, Quick5

Handle grip



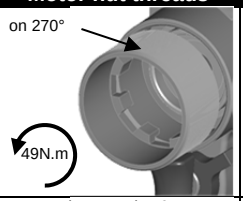
Toagosei, Gel10

Inlet threads



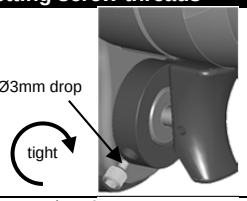
ThreeBond 1401

Motor nut threads



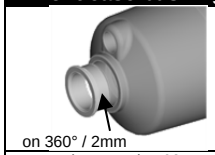
ThreeBond 1401

Trigger / Setting screw threads



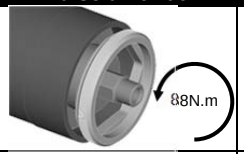
ThreeBond 1110B

Front case bushing

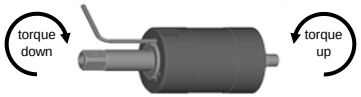


ThreeBond 1103B

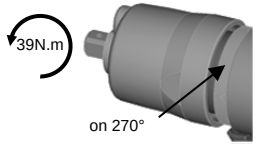
Pulse unit nut



Adjusting screw

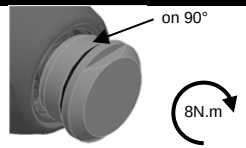


Front case threads



ThreeBond 1401

Shut-off valve threads



ThreeBond 1401

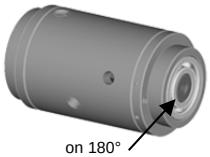
Lubrication

Pulse unit

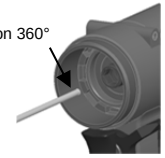


Nippon Oil Corp., Super Hyrando (SE32)

Motor rear bearing



Shut off rod



Idemitsu Kosan, Daphne Eponex (NO2)

right tightening
clockwise tightening

left tightening
counterclockwise tightening

PTF024-T6500-S10S	6151720840
PTF022-T6500-S4Q	6151721050

PTF024-T6500-S10S
PTF022-T6500-S4Q



Specifications

Bolt size	Rotational frequency	Mass (without socket)		Overall length (without socket)		Air inlet thread	Air hose size		Air consumption (at load)	
mm	rpm	kg	lb	mm	in	in	mm	in	l/min	cfm
M6-M8	6500	1.0	2.1	181	7 1/8	PT 1/4	6.3	1/4	450	15.9

	Spindle type	Size		Recommended torque range					
		mm	in	N.m		kg.m		ft.lbf	
PTF024-T6500-S10S	Square drive	9.5	3/8	11	24	1.1	2.4	8.1	17.7
PTF022-T6500-S4Q	Bit shank	6.3	1/4	11	22	1.1	2.2	8.1	16.2

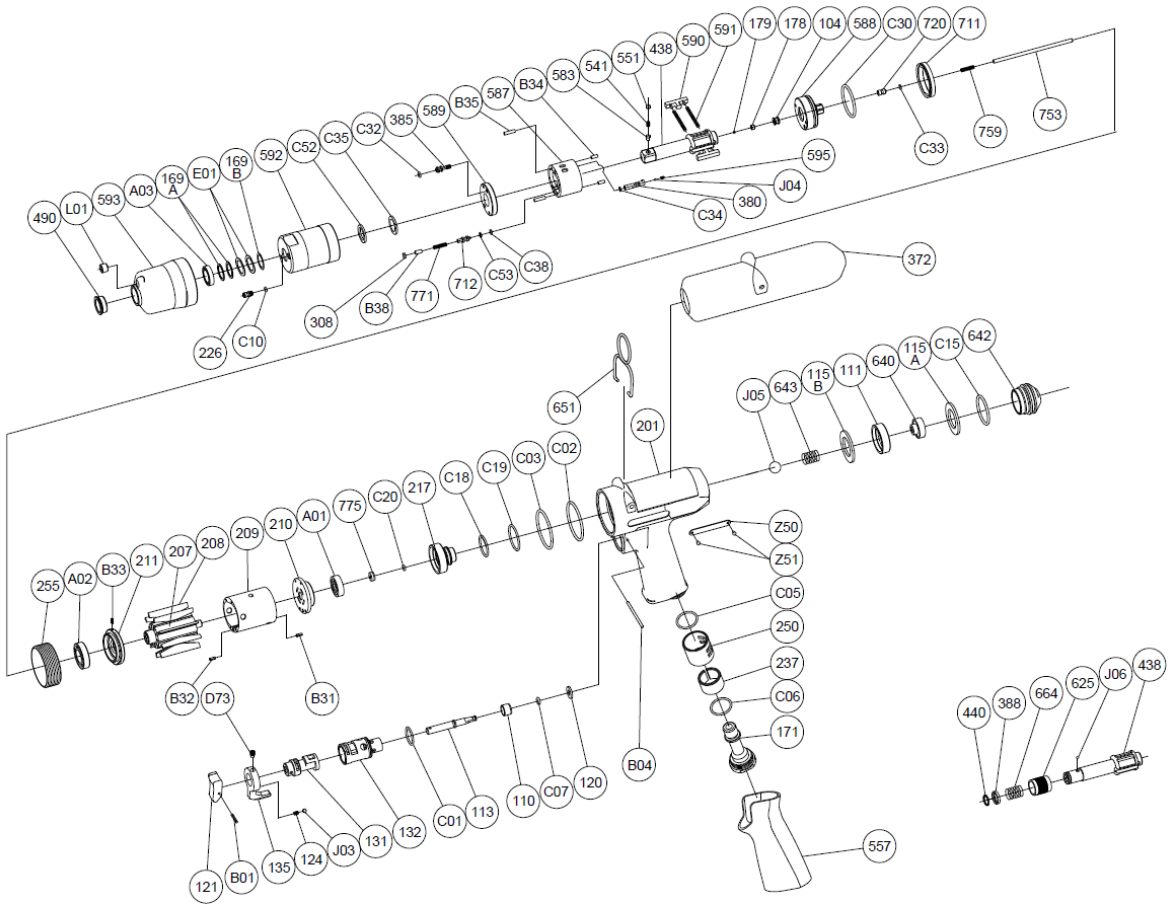
Safety manual	2050502163
Instructions manual	6159949610

Maintenance operations

Every 3 months / 100,000 cycles* — Refill and adjust oil in pulse unit
Every 6 months / 200,000 cycles* — Replace parts of service kits
Every 12 months / 400,000cycles* — Check wearing parts and replace if necessary
*whichever comes first

PTF024-T6500-S10S
PTF022-T6500-S4Q

Exploded view



Parts list

Ref No.	Ordering No.	Qty	Description
1			FRONT CASE KIT
L01		1	PLUG
593	5412058438	1	FRONT CASE
490		1	SPINDLE BUSHING
A03		1	BALL BEARING
S.1	5412060486		FRONT CASE SERVICE KIT
INCL. L01, 490, A03			
2			PULSE UNIT KIT
2.1			OIL CYLINDER KIT
169A		2	REVERSE VALVE WASHER
E01		2	WAVE WASHER
169B		1	REVERSE VALVE WASHER
226	5412058454	1	OIL PLUG
C10		1	O RING (HNBR80)
592	5412058437	1	CYLINDER CASE
C32		1	O RING (HNBR80)
385B		1	ADJUSTING SCREW
C52		1	BACK UP RING
C35		1	X RING (HNBR80)
589	5412058466	1	OIL CYLINDER LOWER PLATE
308		1	SPACER
B38		1	NEEDLE ROLLER
771	5412058441	1	SPRING
712		1	DAMPER
C53		1	BACK UP RING
C38		1	O RING (HNBR80)
B35		2	NEEDLE ROLLER
587	5412058435	1	OIL CYLINDER
B34		2	NEEDLE ROLLER
C34		1	O RING
380		1	ADJUSTING SPINDLE
J04		1	BALL
595	5412058439	1	TORQUE ADJUSTING SPRING
438	5412060433	1	SPINDLE (10S)
	5412060305	1	SPINDLE (4Q)
591		2	BLADE SPRING
590	5412058436	2	SPINDLE BLADE
179		1	PLUNGER SPRING
178		1	PLUNGER
104		1	BUSHING
588	5412058465	1	OIL CYLINDER UPPER PLATE
C30		1	O RING (HNBR80)
720		1	PISTON
C33		1	O RING
711		1	CYLINDER COVER
2.2	5412060489		SOCKET RETAINER KIT (10S)
551		1	PLUG
541B		1	BUTTON RETAINER SPRING (F)
583		1	RETAINER BUTTON (F)
2.3	5412068982		SOCKET RETAINER KIT (4Q)
440		1	RING
388		1	SPRING HOLDER
664		1	FINDER SPRING
625		1	BIT COVER
J05		1	BALL
S.2	5412060496		PULSE UNIT SERVICE KIT
INCL. 169A, E01, 169B, C10, C32, C52, C35, 308, C53, C38, B35, B34, C34, J04, 591, 179, 178, C30, C33			
3			MOTOR KIT
207	5412058429	1	ROTOR
208	5412058430	9	ROTOR BLADE
209	5412058431	1	CYLINDER
B31		1	SPRING PIN
B32		1	SPRING PIN
217		1	BEARING COVER
C19		1	O RING
C18		1	O RING
775		1	SEAL BOX
C20		1	O RING S-3
C02		1	O RING
C03		1	O RING
3.1	5412060502		LOWER PLATE KIT
A02		1	BALL BEARING
211		1	CYLINDER LOWER PLATE
B33		1	SPRING PIN
3.2	5412060507		UPPER PLATE KIT
210		1	CYLINDER UPPER PLATE
A01		1	BALL BEARING
S.3	5412060517		MOTOR SERVICE KIT
INCL. C19, C18, C20, C02, C03, A02, A01			
4			HOUSING KIT
4.1	5412060530		HANDLE KIT (10S)
	5412068987		HANDLE KIT (4Q)
201		1	HOUSING
557		1	PROTECTOR
Z50		1	NAME PLATE
Z51		2	SCREW RIVET
4.2	5412060536		THROTTLE KIT
121		1	THROTTLE VALVE LEVER
B01		1	SPRING PIN
135	5412057223	1	REVERSE VALVE LEVER
D73		1	SET SCREW
124		1	KNOCK SPRING
J03		1	BALL
131		1	REVERSE VALVE
132		1	REVERSE VALVE BUSHING
C01		1	O RING
113		1	THROTTLE VALVE ROD
110		1	THROTTLE VALVE
C07		1	O RING (HNBR80)
120		1	THROTTLE VALVE COVER
B04		1	GROOVED PIN
4.3	5412060539		INLET KIT
171	5412058445	1	INLET JOINT
C06		1	O RING
237		1	MUFFLER PAD
250	5412057876	1	EXHAUST COVER
C05		1	O RING
S.4	5412060543		HOUSING SERVICE KIT
INCL. 124, J03, C01, 110, C07, 120, C06, 237, C05			
5	5412103846		SHUT OFF VALVE KIT (INCL. S.5)
111		1	THROTTLE VALVE WASHER
640		1	STOP VALVE
642		1	STOP VALVE REAR COVER
S.5	5412103847		SHUT OFF VALVE SERVICE KIT
J05		1	BALL
643	5412103748	1	STOP VALVE SPRING
115A		1	THROTTLE VALVE SHEET
115B		1	THROTTLE VALVE SHEET
C15		1	O RING
6	5412103878		PUSH ROD KIT
753		1	PISTON ROD
759		1	RETURN SPRING
			OTHER PARTS
372	5412060450	1	PLASTIC COVER
651	5412058474	1	HANGER (HORIZONTAL)
255	5412058455	1	MOTOR FASTENING NUT
	5412060286	1	WARNING LABEL
			STANDARD ACCESSORIES
	5412054450	1	AIR NIPPLE
		1	HEX PIN WRENCH
		1	HEX PIN WRENCH
7	5412103879		SHUT-OFF VALVE KIT TO D-SERIES
INCL. 111, 640, 642, J05, 643, 115A, 115B, C15, 753, 759, 217, C18, C19, 775, C20			

Parts or kits without ordering number are not sold separately