

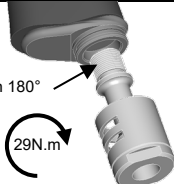
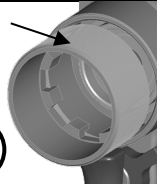
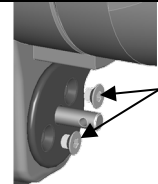
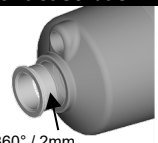
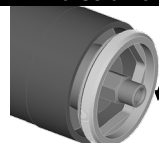
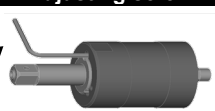
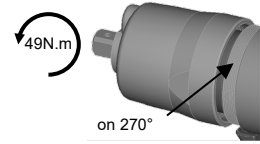
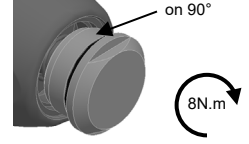


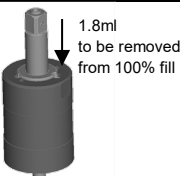
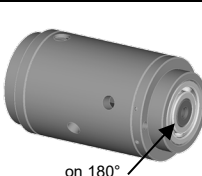
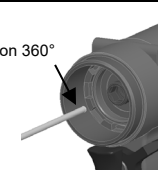


Part no	6159949643	PTF165-T3400-S13S
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Series no	D	
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<b>Desoutter</b>  <b>Industrial</b>	Part no	6159949643
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44818 St Herblain, FR	Series no	D
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## Mounting

<b>Reverse valve pin</b>  Ø2mm drop on each side Konishi, Quick5		<b>Handle grip</b>  Ø2mm drop on the back Ø2mm drop on each side Ø2mm drop on each side Ø2mm drop on the bottom Toagosei, Gel10	
<b>Inlet threads</b>  on 180° 29N.m ThreeBond 1401	<b>Motor nut threads</b>  on 270° 79N.m ThreeBond 1342	<b>Trigger / Setting screw threads</b>  Ø3mm drop tight ThreeBond 1110B	
<b>Front case bushing</b>  on 360° / 2mm ThreeBond 1103B	<b>Pulse unit nut</b>  235N.m	<b>Adjusting screw</b>  torque down torque up	
<b>Front case threads</b>  49N.m on 270° ThreeBond 1342		<b>Shut-off valve threads</b>  on 90° 8N.m ThreeBond 1401	

## Lubrication

<b>Pulse unit</b>  1.8ml to be removed from 100% fill Nippon Oil Corp., Super Hyrando (SE32)	<b>Motor rear bearing</b>  on 180° Idemitsu Kosan, Daphne Eponex (NO2)	<b>Shut off rod</b>  on 360°
 right tightening clockwise tightening		 left tightening counterclockwise tightening

PTF165-T3400-S13S	6151720910
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## PTF165-T3400-S13S



## Specifications

Bolt size	Square drive size		Mass (without socket)		Overall length (without socket)		Air inlet thread	Air hose size	
mm	mm	in	kg	lb	mm	in	in	mm	in
M12-M14	12.7	1/2	2.1	4.6	227.5	9	PT 1/4	9.5	3/8

Recommended torque range						Rotational frequency	Air consumption (at load)	
N.m		kgf.m		ft.lb		rpm	l/min	cfm
110	150	11.2	15.3	81.1	110.6	3400	850	30.0



Safety manual

2050502163

Instructions manual

6159949610

## Maintenance operations

Every 3 months / 100,000 cycles\*  
 Every 6 months / 200,000 cycles\*  
 Every 12 months / 400,000cycles\*  
 \*whichever comes first

Refill and adjust oil in pulse unit  
 Replace parts of service kits  
 Check wearing parts and replace if necessary

This diagram illustrates the exploded view of a power tool assembly, showing the relationship between various components. The parts are identified by the following callout numbers:

- Top Section (Motor and Gear Train):** L01, 593, 490, A61, A71, E01, 592, C31, B36, 589, C52, C32, 385, B35, C35, 587, B34, 438, 591, 179, 178, 104, 588, C30, 720, C33, 711, 753, 759, 551, 541, 583, 590, B37, 595, J04, 380, C34, 712, C53, C38, 771, B38, 308, C10, 226.
- Middle Section (Tool Head and Drive Shaft):** 372, 642, C15, 115, 640, 111, 115, J05, 643, 201, 651, C02, C03, C19, C18, 217, C20, 775, A01, 210, 209, 208, 207, B33, 211, A02, 255, B31, D52, B32, 121, B01, 129, 135, J03, 541, 131, 132, C01, 113, 110, C07, B04.
- Bottom Section (Accessories and Fasteners):** Z50, Z51, C05, 250, 237, C06, 171, 557.

Ref No.	Ordering No.	Qty	Description
1			FRONT CASE KIT
L01		1	PLUG
593	5412058597	1	FRONT CASE
490		1	SPINDLE BUSHING
A61		1	NEEDLE BEARING
A71		1	THRUST BEARING
S.1	5412060488		FRONT CASE SERVICE KIT
INCL. L01, 490, A61, A71			
2			PULSE UNIT KIT
2.1			OIL CYLINDER KIT
E01		2	WAVE WASHER
226	5412058454	1	OIL PLUG
C10		1	O RING (HNBR80)
592	5412058596	1	CYLINDER CASE
C32		1	O RING (HNBR80)
385B		1	ADJUSTING SCREW
C52		1	BACK UP RING
C35		1	X RING (HNBR80)
C31		1	O RING (HNBR80)
589	5412058593	1	OIL CYLINDER LOWER PLATE
B36		2	GROOVED PIN
308		1	SPACER
B38		1	NEEDLE ROLLER
771	5412058544	1	SPRING
712		1	DAMPER
C53		1	BACK UP RING
C38		1	O RING (HNBR80)
B35		2	NEEDLE ROLLER
587	5412058591	1	OIL CYLINDER
B34		2	NEEDLE ROLLER
C34		1	O RING (HNBR80)
380		1	ADJUSTING SPINDLE
J04		1	BALL
595	5412104055	1	TORQUE ADJUSTING SPRING
438	5412060465	1	SPINDLE
591		2	BLADE SPRING
590	5412058594	2	SPINDLE BLADE
B37		4	SPRING PIN
179		1	PLUNGER SPRING
178		1	PLUNGER
104		1	BUSHING
588	5412058592	1	OIL CYLINDER UPPER PLATE
C30		1	O RING (HNBR80)
720		1	PISTON
C33		1	O RING
711		1	CYLINDER COVER
2.2	5412060490		SOCKET RETAINER KIT
551		1	PLUG
541B		1	BUTTON RETAINER SPRING (F)
583		1	RETAINER BUTTON (F)
S.2	5412060500		PULSE UNIT SERVICE KIT
INCL. E01, C10, C32,C52, C35, C31, 308, C53, C38, B35, B34, C34, J04, 591, 179, 178, C30, C33			
3			MOTOR KIT
207	5412058580	1	ROTOR
208	5412058581	9	ROTOR BLADE
209	5412058582	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	5412060506		LOWER PLATE KIT
A02		1	BALL BEARING
211		1	CYLINDER LOWER PLATE
B33		1	SPRING PIN
3.2	5412060511		UPPER PLATE KIT
210		1	CYLINDER UPPER PLATE
A01		1	BALL BEARING
S.3	5412060521		MOTOR SERVICE KIT
INCL. C19, C18, C20, C02, C03, A02, A01			
4			HOUSING KIT
4.1	5412060535		HANDLE KIT
201		1	HOUSING
557		1	PROTECTOR
Z50		1	NAME PLATE
Z51		2	SCREW RIVET
4.2	5412060538		THROTTLE KIT
121		1	THROTTLE VALVE LEVER
B01		1	SPRING PIN
129		1	THROTTLE VALVE ROD
			BUSHING
135	5412058547	1	REVERSE VALVE LEVER
D52		2	CAP SCREW
541		1	BUTTON RETAINER SPRING (F)
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
B04		1	GROOVED PIN
4.3	5412060542		INLET KIT
171	5412058548	1	INLET JOINT
C06		1	O RING
237		1	MUFFLER PAD
250	5412057698	1	EXHAUST COVER
C05		1	O RING
S.4	5412060547		HOUSING SERVICE KIT
INCL. 541, J03, C01, 110, C07, C06, 237, C05			
5	5412103856		SHUT OFF VALVE KIT (INCL. S.5)
111		1	THROTTLE VALVE WASHER
640		1	STOP VALVE
642		1	STOP VALVE REAR COVER
S.5	5412103857		SHUT OFF VALVE SERVICE KIT

Parts or kits without ordering number are not sold separately