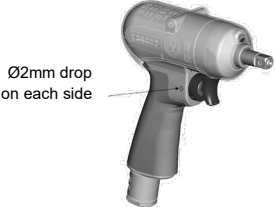
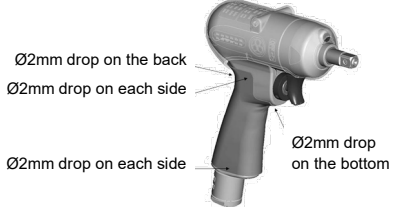
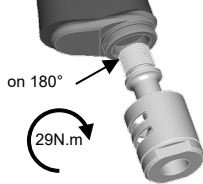
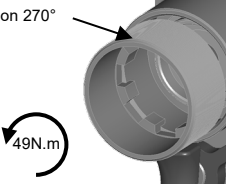
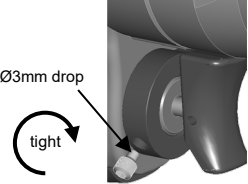
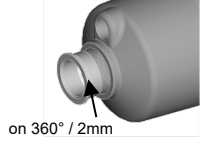
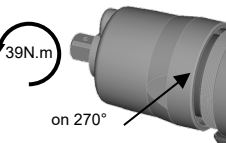
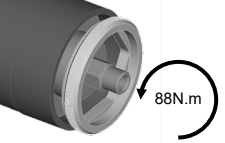
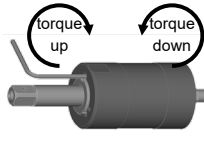
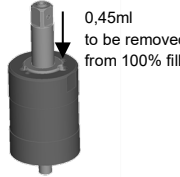
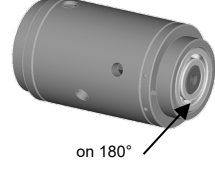


Part no	6159949631	PTF040-T6300-I10S PTF028-T6300-I4Q
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## Mounting

<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 the bottom Toagosei, Gel10	
<b>Inlet threads</b>  on 180° 29N.m ThreeBond 1401	<b>Motor nut threads</b>  on 270° 49N.m ThreeBond 1401	<b>Trigger / Setting screw threads</b>  Ø3mm drop tight ThreeBond 1110B	
<b>Front case bushing</b>  on 360° / 2mm ThreeBond 1103B	<b>Front case threads</b>  39N.m on 270° ThreeBond 1401	<b>Pulse unit nut</b>  88N.m	<b>Adjusting screw</b>  torque up torque down

## Lubrication

<b>Pulse unit</b>  0.45ml to be removed from 100% fill Nippon Oil Corp., Super Hyrando (SE32)	<b>Motor rear bearing</b>  on 180° Idemitsu Kosan, Daphne Eponex (NO2)
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right tightening  
clockwise tightening

left tightening  
counterclockwise tightening

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PTF040-T6300-I10S	6151720740
PTF028-T6300-I4Q	6151721020

PTF040-T6300-I10S  
PTF028-T6300-I4Q



## Specifications

Bolt size mm	Rotational frequency rpm	Mass (without socket)		Overall length (without socket)		Air inlet thread in	Air hose size		Air consumption (at load)	
		kg	lb	mm	in		mm	in	l/min	cfm
M6-M8	6300	0.8	1.7	140	5 1/2	PT 1/4	6.3	1/4	400	14.1

	Spindle type	Size		Recommended torque range					
		mm	in	N.m		kg.m		ft.lbf	
PTF040-T6300-I10S	Square drive	9.5	3/8	20	40	2.0	4.0	14.7	29.5
PTF028-T6300-I4Q	Bit shank	6.3	1/4	16	28	1.6	2.8	11.8	20.7

Safety manual	2050502163
Instructions manual	6159949610
EC declaration of conformity	6159949620

## Maintenance operations

Every 3 months / 100,000 cycles\*  
 Every 6 months / 200,000 cycles\*  
 Every 12 months / 400,000cycles\*  
 \*which ever 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, 226, 385, C09, C51, C02, 592, C52, C07, 589, B01, 587, 583, 541 B, 551, 590, 591, 438, 588, C01, 711.
- Middle Section (Internal Components):** 104, 308, B38, 771, 712, C53, C05, B02.
- Bottom Section (Tool Head and Trigger):** 255, A02, B33, 211, 207, 208, 209, 210, A01, C14, 651, 201, 372, Z50, Z51, C10, 250, 237, C11, 171, 557, B04, 120, C03, 110, 113, C08, 132, 131, J01, 124, 135, B05, 121, D71, B32, B31.
- Right Section (Trigger Gun):** 440, 388, 664, 625, J05, 438.

Ref No.	Ordering No.	Qty	Description
1			FRONT CASE KIT
L01		1	PLUG
593	5412058614	1	FRONT CASE
490		1	SPINDLE BUSHING
S.1	5412060483		FRONT CASE SERVICE KIT
INCL.	L01, 490, 104		
2			PULSE UNIT KIT
2.1			OIL CYLINDER KIT
104		1	BUSHING
226	5412057024	1	OIL PLUG
C09		1	O RING (HNBR80)
592	5412058613	1	CYLINDER CASE
385		1	ADJUSTING SCREW
C51		1	BACK UP RING
C02		1	O RING (HNBR80)
C52		1	BACK UP RING
C07		1	X RING (HNBR80)
589	5412058612	1	OIL CYLINDER LOWER PLATE
308		1	SPACER
B38		1	NEEDLE ROLLER
771	5412058441	1	SPRING
712		1	DAMPER
C53		1	BACK UP RING
C05		1	O RING
B01		2	NEEDLE ROLLER
587	5412058610	1	OIL CYLINDER
B02		2	NEEDLE ROLLER
438	5412058608	1	SPINDLE (10S)
	5412068979	1	SPINDLE (4Q)
591		2	BLADE SPRING
590	5412058436	2	SPINDLE BLADE
588	5412058611	1	OIL CYLINDER UPPER PLATE
C01			
711		1	O RING (HNBR80)
		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	5412060491		PULSE UNIT SERVICE KIT
INCL.	C09, C51, C02, C52, C07, 308, C53, C05, B01, B02, 591, C01		
3			MOTOR KIT
207	5412058429	1	ROTOR
208	5412058430	9	ROTOR BLADE
209	5412058603	1	CYLINDER
B31		1	SPRING PIN
B32		1	SPRING PIN
C14		2	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	5412060512		MOTOR SERVICE KIT
INCL.	C14, A02, A01		
4			HOUSING KIT
4.1	5412060523		HANDLE KIT (10S)
	5412068984		HANDLE KIT (4Q)
201		1	HOUSING
557			
Z50		1	PROTECTOR
Z51		1	NAME PLATE
		2	SCREW RIVET
4.2	5412060536		THROTTLE KIT
121		1	THROTTLE VALVE LEVER
B05		1	SPRING PIN
135	5412057223	1	REVERSE VALVE LEVER
D71		1	SET SCREW
124		1	KNOCK SPRING
J01		1	BALL
131		1	REVERSE VALVE
132		1	REVERSE VALVE BUSHING
C08		1	O RING
113		1	THROTTLE VALVE ROD
110		1	THROTTLE VALVE
C03		1	O RING (HNBR80)
120		1	THROTTLE VALVE COVER
B04		1	GROOVED PIN
4.3	5412060540		INLET KIT
171	5412058445	1	INLET JOINT
C11		1	O RING
237		1	MUFFLER PAD
250	5412057876	1	EXHAUST COVER
C10		1	O RING
S.4	5412060544		HOUSING SERVICE KIT
INCL.	124, J01, C08, 110, C03, C11, 120, 237, C10		
			OTHER PARTS
372	5412060456	1	PLASTIC COVER
651	5412058474	1	HANGER (HORIZONTAL)
255	5412058604	1	MOTOR FASTENING NUT
	5412060286	1	WARNING LABEL
			STANDARD ACCESSORIES
	5412054450	1	AIR NIPPLE
		1	HEX PIN WRENCH
		1	HEX PIN WRENCH

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