



**CORE CUT  
PARTS LIST**

**TS40F HIGH-CYCLE  
HAND SAW**

**NOVEMBER, 2023**



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# TS40F Parts

FIG	DP#	QTY	DESCRIPTION	EXT
10	2708812	1	Motorcase	
15	2708731	1	Motor Top Case	
20	2708732	1	Case Sleeve	
25	2707551	1	Switch Handle Comp	
30	2708903	1	Rotor w/ Bearings	
35	2708734	1	Stator Comp	
50	2708736	1	Motor Top Case Hood w/65, 110	
55	2708737	1	Insulation Film	
65	2701567	1	Terminal Case Packing	
75	2700664	1	Ball Bearing	
80	2708738	1	Ball Bearing	
85	2700709	1	Needle Bush	HK1010
90	2700666	1	Compensation Washer	
95	2700710	1	O-Ring	RDR78X2
100	2708740	2	O-Ring	RDR74X4
105	2702498	1	O-Ring	RDR72X2
110	2708904	1	O-Ring	RDR55X2
115	2700712	1	O-Ring	RDR11x2,5
120	2708809	1	O-Ring	RDR8x2
130	2703241	1	Rotary Shaft Seal	RW D12x24x7A
140	2701049	2	Hex. Socket Head Screw	M6x20
145	2700732	4	Hex. Socket Head Screw	M5x50
150	2707564	4	Hex. Socket Head Screw	M5x20
155	2708811	4	Hex. Socket Head Screw	M5x16
160	2708684	1	Count. Raised Head Screw	M3x8
165	2708744	2	Cheese head screw	M3x10
170	2700674	1	Sl. Pan Head Screw	M4x6
175	2700676	5	Pan Head Tapping Screw	F3,9x19 (BZ)
180	2702986	2	Pan Head Tapping Screw	F3,9x13 (BZ)
185	2700680	1	Curved Spring Washer	A4
190	2700826	2	Locking Washer	SM 6
195	2700735	8	Locking Washer	SM 5
200	2700681	1	Medium Washer	4,3x8x0,5 Ms
210	2708906	1	Cord Comp w/225,235,240,245,298	6G1,5x4,4 10P
220	2708746	2	Motor Strand	1,5²x290
225	2707556	1	Cord Sleeve	D12
227	2709840	1	Handle for Socket Case	
230	2707533	1	Motor Switch	
235	2708747	1	Cord Gland	M20x1,5 7-13 EMV
240	2708748	1	Cord Gland	M20x1,5 6x2,5
245	2708749	1	Hood	6B EM V
249	2708908	1	Term. Block Comp w/ markings. Fig. 250,255,260	
250	2708750	1	End Term. Block w/Fixing Flange	
255	2708751	4	Center Terminal Block	
260	2708752	1	End Plate w/Fixing Flange	
265	2700686	1	Cord Clamping Piece	

# TS40F Parts

FIG	DP#	QTY	DESCRIPTION	EXT
270	2701094	1	Angle Screwing	G 1/4"
275	2708909	1	Socket	
280	2700706	1	Quick Connect Nipple	
285	2701939	2	Hose Piece w/nipples	
290	2707565	1	Ball Valve	G1/4"
295	2700717	7	Sealing Ring	
298	2708754	1	Protective Hood	
300	2908918	1	Gear Box	
302	2708919	1	Bearing Hood w/350,355,430,455,460,485	
304	2708825	1	Handle Comp	
305	2708920	1	Spindle	
310	2708921	1	Pinion Shaft	
315	2708922	1	Spur Wheel	
316	2708761	1	Sleeve	
320	2708923	1	Spindle Flange	
325	2708924	1	Spindle Wheel	
330	2708724	1	Blade Flange	
335	2708766	1	Pressure Disk	
340	2708925	2	Shaft Wearing Sleeve	
345	2708753	1	Fixing Sleeve	
350	2704690	1	Locking Knob	
355	2708926	1	Locking Pin	
360	2708768	1	Supporting Disk	
365	2708927	1	Valve Shaft	
370	2708928	1	Cap Nut	
375	2708929	1	Sealing Sleeve	
385	2708930	1	Bearing Ring	
390	2708769	1	Handle Axle	
395	2708931	1	Distance Sleeve	
405	2708845	1	Stop Sleeve	
410	2708852	2	Adjust Sleeve	
414	2700707	1	Handle	
415	2708773	1	Ball Bearing	6004 2RS
420	2708774	1	Ball Bearing	6004
425	2708775	1	Needle Bush	HK1212
430	2708776	1	O-Ring	RDR60x2
435	2708932	1	O-Ring	RDR42x2
440	2701866	1	O-Ring	RDR32x1,5
450	2708809	1	O-Ring	RDR8x2
455	2708933	1	O-Ring	RDR7x1,5
460	2708934	1	O-Ring	RDR6x1
465	2708935	2	Rotary Shaft Seal	RWD20x32x7A Niro
470	2708778	1	Rotary Shaft Seal	RWD16x30x7A
475	2708797	1	Rotary Shaft Seal	RWD28x35x4
480	2708779	1	Pressure Spring	2,0x12,5x22,5
485	2708937	1	Pressure Spring	0,8x5x17,5

# TS40F Parts

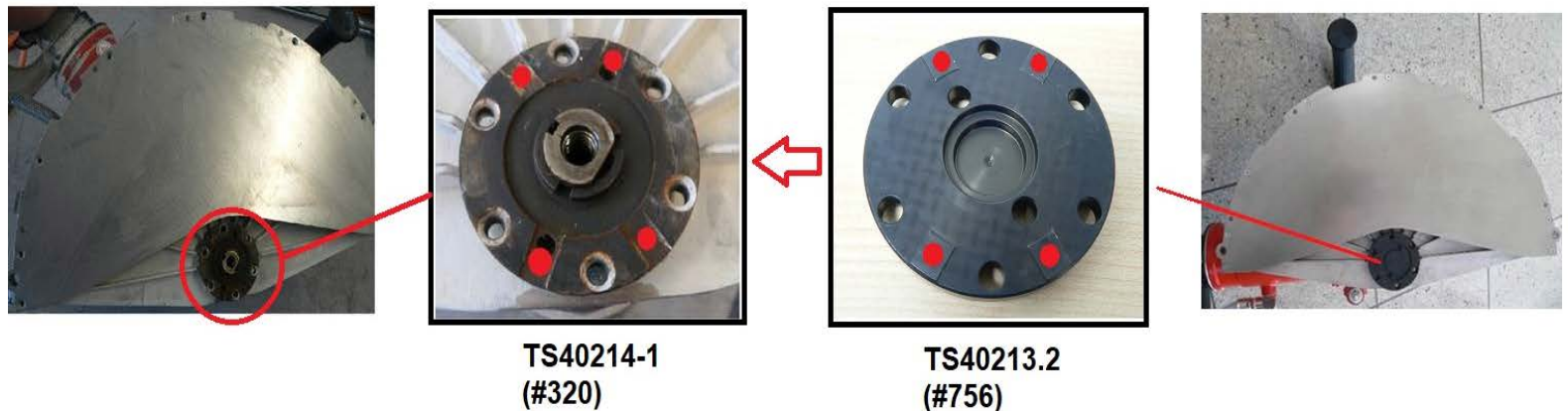
FIG	DP#	QTY	DESCRIPTION	EXT
490	2708780	1	Parallel Key	A5x5x12
495	2700815	1	Parallel Key	A5x5x10
500	2700830	1	Shim Ring	PS42x52x1
505	2708781	1	Shim Ring	PS8x14x1
510	2708782	1	Retaining Ring	13x1
515	2700820	1	Retaining Ring	16x1
520	2708810	1	Retaining Ring	20x1,2
525	2708591	1	Retaining Ring	42x1,75
530	2708783	1	Tapered Retaining Ring	JB62x2,05
535	2708603	1	Hexagon Head Screw	
540	2701049	1	Hex. Socket Head Screw	M6x20
545	2700732	1	Hex. Socket Head Screw	M5x50
550	2702371	1	Cheese head screw	M3x8
555	2708938	1	Count. Head Screw	M5x16
560	2708667	1	Hex Nut w/prevaling torq insert	M8
565	2708784	1	Medium Washer	8,4x21x4
568	2700736	1	Medium Washer	6,4
570	2700826	2	Locking Washer	SM6
575	2700735	1	Locking Washer	SM5
580	2702594	1	Angle Quick Connect Nipple	G1/4"/8
585	2708939	1	Toggle Grip	M3
590	2708940	1	Wing Nut	M6
595	2708785	1	Cam Lever Comp. w/Pressure Disc	M8
598	2708003	1	Pressure Disc	
599	2708786	1	Gear Oil	90ml
600	2708941	1	Blade Guard Comp. w/624-695	
624	2710190	1	Blade Guard Cover	TS40304.2
626	2710182	1	Restraint Bolt	
630	2708946	1	Locking Gib	
632	2710183	1	Sliding Disc	
640	2708950	1	Splash Guard	
642	2710184	1	Splash Guard Clamp Comp.	
643	2710185	1	Splash Guard Clamp	
645	2708951	1	Clamping Plate	
647	2710186	1	Axle	
657	2708670	2	Locking Washer	
665	2708884	4	Hex. Socket Head Screw	M5x12
666	2709849	1	Hex. Socket Head Screw	M5x20
670	2708953	1	Mushroom Head Sq. Neck Bolt	M6x60
673	2710187	9	Count. Head Screw	M4x16
676	2708955	4	Th. Roll. Counter Sunk Screw	M5x12
680	2708801	2	Slotted Cheese Head Screw	M5x10
688	2710188	2	Spring Plungers	
689	2710189	5	Parallel Pin	
695	2700735	4	Locking Washer	SM 5

# TS40F Parts

FIG	DP#	QTY	DESCRIPTION	EXT
756	2710192	1	Solid Distance Disc, 8mm Thick	Align with FIG 320 on Blade Guard
765	2710198	1	Blade Guard Cover	TS40304.4
770	2708959	6	Count. Head Screw	M6x18
	2710197	1	Flush Cut Accessory Kit (Not Shown)	Includes FIG 756, 765, 770
	2708806	1	Male Insert w/o Male Contacts (Not Shown)	10P
	2708807	5	Male Contact (Not Shown)	1,5 <sup>2</sup>
	2708808	1	Coding Bridge (Not Shown)	
	2708868	1	Wrench SW17 (Not Shown)	
	2707824	1	M32 Wrench (Not Shown)	
	2709730	1	Face Pin Wrench (Not Shown)	50x5

## Flush Cut Distance Disk Instructions

- 1) Align Distance Disc (FIG 756) claw marks with grooves on Spindle Flange (FIG 320)  
Reference picture below
- 2) Mount Blade on Distance Disc and secure with Countersunk Head Screws (FIG 770)
- 3) Secure Blade Guard Cover (FIG 624)











## **EQUIPMENT AND PARTS WARRANTY**

Diamond Products warrants all equipment manufactured by it against defects in workmanship or materials for a period of 1 year from the date of shipment to Customer. The responsibility of Diamond Products under this Warranty is limited to replacement or repair of defective parts at Diamond Products' Elyria, Ohio factory, or at a point designated by it, of such parts as shall appear to us upon inspection at such parts, to have been defective in material or workmanship, with expense for transportation and labor borne by Customer. In no event shall Diamond Products be liable for consequential or incidental damages arising out of the failure of any Product to operate properly.

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