

PARTS LIST

CNC TURNING CENTER

TMC-15

CONTENTS: TMC-15 WITH OTE/10TEF

Cf AND MILLING DEVICE
BACK FACE TURNING DEVICE
COMPACT LOADING DEVICE



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I N D E X

[Marked * is an option]

FIG.No.	C O N T E N T S	FIG.No.	C O N T E N T S
11.	MAIN SPINDLE & ENCODER	43.	INDEX MOTOR
* 12.	CLOSED CENTER CHUCK CYLINDER	44.	TURRET CLAMP CYLINDER
13.	CHUCK & CHUCK CYLINDER [4500RPM]	* 45.	MILLING TURRET HEAD INDEX DEVICE
* 14.	CHUCK & CHUCK CYLINDER [6000RPM]	* 46.	MILLING DRIVE DEVICE
* 15.	CHUCK & CHUCK CYLINDER [4500RPM] Cf	* 51.	TOOLING SYSTEM [A TYPE] 8ST
* 16.	SPINDLE LOCK UNIT	52.	TOOLING SYSTEM [B TYPE] 10ST
21.	SPINDLE MOTOR & HEADSTOCK	* 53.	TOOLING SYSTEM [A TYPE] 8ST
22.	AC SPINDLE MOTOR & PULLEY	* 54.	TOOLING SYSTEM [B TYPE] 10ST
* 23.	Cf SPINDLE MOTOR & HEADSTOCK	* 55.	MILLING TOOLING SYSTEM OCTAGONAL TURRET
* 25.	Cf MAIN SHAFT ASSEMBLY	* 56.	FACE DRILL HOLDER
* 26.	Cf DRIVE SHAFT	* 57.	FACE TAP HOLDER
* 27.	Cf AXIS ENGAGING UNIT	* 58.	CROSS DRILL HOLDER
* 28.	Cf SPINDLE KNOCK & DISK BRAKE	* 59.	CROSS TAP HOLDER
31.	Z-AXIS SLIDE	* 61.	TAILSTOCK QUILL & QUILL HOUSING
32.	Z-AXIS & DRIVE MOTOR	* 62.	TAILSTOCK SLIDE & QUILL INTERLOCK
33.	X-AXIS SLIDE	71.	HYDRAULIC TANK
34A	X-AXIS & DRIVE MOTOR (C004xx onward)	72.	HYDRAULIC SUB-PLATE
* 41.	TURRET HEAD INDEX DEVICE [A TYPE] 8ST	* 73.	SUB SPINDLE HYDRAULIC PIPING
42.	TURRET HEAD INDEX DEVICE [B TYPE] 10ST	74.	HYDRAULIC PIPING

I N D E X

[Marked * is an option]

FIG.No.	C O N T E N T S	FIG.No.	C O N T E N T S
* 75.	HYDRAULIC PIPING & AIR BLOWER	132.	SLIDING DOOR & DOOR INTERLOCK
* 76.	Cf HYDRAULIC PIPING	134.	REAR COVER & CONTROL BOX
* 77.	Cf SPINDLE KNOCK AIR PIPING	135.	CUTTING COVER & DOOR WIPER
* 78.	AUTO DOOR AIR PIPING	136.	Z-AXIS COVER
81.	LUBRICATION PUMP & DISTRIBUTOR	137.	X-AXIS & INDEX COVER
82.	LUBRICATION PIPING	* 138.	AUTO DOOR COVER
91.	COOLANT PIPING	* 139.	SUB SPINDLE COVER
* 101.	PARTS CATCHER UNIT	* 141.	SUB SPINDLE & CHUCK CYLINDER
* 102.	PARTS CATCHER COVER	* 142.	SUB SPINDLE HOUSING & DRIVE MOTOR
* 111.	NT SETTER-A [MANUAL TYPE]	* 143.	SUB SPINDLE BASE
* 112.	NT SETTER-C [AUTOM. TYPE]	* 144.	CHIP CONVEYOR RIGHT SIDE
* 113.	SENSOR ARM & SENSOR BOX	145.	FOOT SWITCH
121.	OPERATION PANEL GENERAL [FS-OTE]	* 151.	COMPACT LOADING DEVICE (1)
122.	MAIN OPERATION PANEL OTE [A]	* 152.	COMPACT LOADING DEVICE (2)
* 123.	MILLING OPERATION PANEL OTE [B]	* 153.	COMPACT LOADING DEVICE (3)
* 124.	OPTIONAL OPERATION PANEL OTE [C]	* 154.	COMPACT LOADING AIR PIPING (1)
* 125.	MAIN OPERATION PANEL [FS-10TEF]	* 155.	COMPACT LOADING AIR PIPING (2)
* 126.	OPTIONAL OPERATION PANEL 10TEF	* 156.	COMPACT LOADING DEVICE COVER
131.	FRONT COVER		