

<b>ERROR</b>	<b>MESSAGE TEXT</b>	<b>COIL</b>	<b>ADDRESS</b>	<b>DESCRIPTION</b>
EX0001	EMERGENCY ON	ALM001	R100.0	Operation is unready since emergency stop signal is input. Emergency stop state when X8.4=0.
EX0040	M-CODE ERROR	ALM040	R111.2	M code commands from the NC are not in BCD code. Check NC parameters.
EX0052	SERVO READY OFF	ALM052	R100.2	Operation is unready since servo readiness signal is cut off.
EX0053	CYCLE START SWITCH BROKEN	ALM053	R105.1	The cycle start button is inoperative.
EX0059	PLUS X, MINUS X, PLUS Z. MINUS Z BUTTON	ALM059	R107.2	The JOG button is inoperative.
EX0303	M17, M18 COMMAND  ERROR	ALM303	R107.5	Either an M17 or M18 command was initiated when turret indexing short-path control is effective.
EX0304	T-CODE COMMAND ERROR	ALM304	R102.1	T number command which cannot be used is executed.
EX0326	M21,M13 COMMAND  ERROR	ALM326	R101.7	M21, or M13 command is executed during spindle rotation or turret indexing when tail stock spindle out/in interlock cancel (K2.1 = 1) is not set.
EX0344	TURRET PARAMETER  SETTING ERROR	ALM344	R112.3	A value other than "8", "10" or "12" was input to the parameter as a setting for the number of turret stations (D108 or D109). Reset the parameter.
EX0346	T-CODE DATA ERROR	ALM346	R111.0	T code commands from the NC are not in BCD code. Check the parameters.

EX0352	ERROR LS8 (TURREST COUNT B)	ALM352	R106.4	Ls9 was skipped and is inoperative.
EX0355	TURRET COUNT ON	ALM355	R106.2	Inproper turret indexing. (1) If the turret remains unclamping, LS14 will be inoperative. (2) If the specified station unnumber in not indexed, LS9 will be inoperative. (3) IF the specified station number is indexed, LS8 will be inoperative.
EX0357	TURRET INDEX TIME  OVER	ALM357	R105.2	Current indexing was not completed within the specified time.
EX0364	LS9-OFF WHILE LS14-ON	ALM364	R105.7	When the turret was clamped, the LS9 count signal was not detected. The proximity witch LS9 is inoperative.
EX0365	LS8 AND LS14 ON AT  THE SAME TIME	ALM365	R105.6	When the turret was clamped, the LS8 count signal was also ON. The proximity switch LS* is inoperative.
EX0367	ERROR LS10 (TURRET ON Z)	ALM0367	R116.0	An error occurred in indexing the home position of the turret. LS10 is inoperative.
EX0369	LS10-OFF AT TURRET  POSITION 1	ALM369	R107.0	When the turret counter was "1." the turred home position signal (LS10) was not turned ON.
EX0371	TURRET COUNT ERROR	ALM371	R107.1	The counter value was not "1." when the turret home position was passed.
EX0401	M3, M4 COMMAND  ERROR	ALM401	R101.1	M4 command is executed with spindle rotation in normal direction or M3 command is executed with spindle rotation in reverse direction.
EX0403	M40 COMMAND ERROR	ALM403	R102.0	M40 command is executed during spindle rotation.

EX0404	S-CODE NOT  COMMANDED	ALM404	R101.0	M3 or M4 command is executed when S code command has not been executed since the power source energization. Otherwise, M3 or M4 is commanded under S0.
EX0405	M41, M42 IS NOT  COMMANDED	ALM405	R101.2	M3, M4 or M19 command is executed with spindle in neutral. Execute M41 or M42 command.
EX0406	SPINDLE INTERLOCK ON	ALM406	R101.4	M3 or M4 command is executed when spindle rotation interlock (PC input) is activated.
EX0407	SP.DIRECTION NOT  COIN	ALM407	R102.3	The rotational direction in the automatic mode (with M3 or M4 stored in memory) is not the same as the actual rotation direction.
EX0410	DURING SP. ROTATION	ALM410	R101.6	M10 or M11 command is executed during spindle rotation when chuck open/close interlock cancel (K2.0 = 1) is not set.
EX0411	DURING SP. INCHING	ALM411	R101.5	M3, M4, or M19 command is executed during spindle jogging.
EX0412	CHUCK UNCLAMP	ALM412	R102.3	M3 or M4 command is executed with chuck unclamped.
EX0421	DURING TAIL STOCK  INCHING	ALM421	R102.2	Either M3 or M4 command was executed during tail stock inching.
EX0440	SP.CONTROL DATA  ERROR 1	ALM440	R111.3	Incorrect setting of spindle control data. (A value of or larger than 7 was set for R125.) The PC is defective.

EX0441	SO, CONTROL DATA OVERFLOW	ALM441	R111.4	Spindle control data overflow (The value obtained by multiplying R130-R133 by R126-R129 has exceeded 4 bytes.) The PC is defective.
EX0442	PC ERROR 1	ALM442	R111.2	Overflow of the divisional result at the time of spindle RPM calculation. The PC is defective.
EX0443	PC ERROR 2	ALM443	R111.6	Overflow of the subtraction result at the time of spindle RPM calculation. The PC is defective.
EX0451	SPINDLE UNIT ALARM	ALM451	R100.1	Operation is unready due to alarm from spindle unit.
EX0460	SP. CONTROL DATA ERROR 2	ALM460	R111.7	Incorrect setting of spindle control data. (A value of or larger than 24 was entered for R147.) The possible cause is either a defect in the spindle manual speed specifying rotary switch or broken wiring.
EX470	GEAR CHANGING TIME OVER	ALM470	R107.3	Gear change was not completed within the allowable time.
EX0480	ORIENTATION TIME OVER	ALM480	R105.0	Spindle orientation was not completed within the allowable time.
EX0551	CONTROL BOX OVER HEAT	ALM551	R106.5	Abnormal increase in power board temperature.
EX0561	OIL PRESSURE DOWN	ALM561	R106.6	Decrease in hydraulic pressure.
EX0562	LUB OIL PRESSURE DOWN	ALM562	R105.3	No increase in lubrication oil pressure. Possible cause: broken piping or motor failure.
EX0563	LUB. OIL PRESSURE UP.	ALM563	R105.5	Pressure did not decrease within the time (set to the variable timer 19) from turning the cycle pump OFF. Possible cause: failure in the pressure switch or the magnet.

EX0909	PARTS CATCHER OUT	ALM909	R113.0	The presetter arm has been tried to descend while the part catcher is ascended.
EX0910	ARM DOWN	ALM910	R113.1	The part catcher has been tried to ascend when the presetter arm rise check SW is turned off.
EX0570	LUB. OIL LEVEL LOW	ALM570	R105.4	Insufficient lubrication oil.
EX0951	TOUCH AT NO PSM	ARM951	R106.1	The sensor was turned ON without setting the presetter mode.
EX0952	TOUCH AT ARM UP	ARM952	R107.4	The sensor was turned ON during the automatic mode.
MER		MER	R100.4	Machine error occurs. Error lamp blinks.
PER		PER	R100.5	Program error occurs. Error lamp lights up.
TRER		TRER	R100.6	Errors related to turret.
SPER		SPER	R100.7	Errors related to spindle.