



UNIT 7 PARK COURT
 PARK LANE BUSINESS PARK
 KIRKBY IN ASHFIELD
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COLLECTION/DELIVERY HOURS: MON-THURS 7.00AM-3.00PM & FRI 7.00AM-11.30AM

BALLSCREW INSPECTION REPORT

CUSTOMER:		REPAIR NO:	BSR0000
CONTACT:		REPAIR DATE:	
TEL:		REPAIR PRICE:	
EMAIL:		DELIVERY:	

BALLSCREW ASSEMBLY DETAILS

MACHINE TYPE & PART No. & AXIS							
SHAFT (mm)	DIAMETER	PITCH	OAL	T/L	DIRECTION	STARTS	ACCURACY
NUT (mm)	NUT TYPE	MANDREL SIZE	NUT ORIENTATION	BALL SIZE	CIRCUITS		

SYSTEM CONDITION ON RECEIPT (VISUAL ASSESSMENT)

SHAFT BENT		PITTED		LACK OF LUBRICATION		TRANSFER DAMAGE	
SHAFT O/D DAMAGE		CORROSION		EXCESSIVE BACKLASH		BALLS MISSING	
JOURNAL DAMAGE		BALL NUT MISSING		LOSS OF PRELOAD		OVER TRAVEL	
MIS-ALIGNMENT		SPACER MISSING		TRANSFERS MISSING		TEST ONLY	

INSPECTION ON DISASSEMBLY

COMPONENT	PASS	FAIL	REASON FOR FAILURE/COMMENTS
SHAFT			
NUT			

TRIAL REBUILD RESULT

ALL COMPONENTS HAVE BEEN CLEANED, POLISHED, DRESSED/BLENDED & STRAIGHTNESS CHECKED, AND HAS BEEN TESTED DYNAMICALLY AT 100RPM.

PRELOAD METHOD		NEW BALL SIZE:	
TORQUE VALUE			

OUR RECOMMENDATIONS

WE ALWAYS RECOMMEND THAT WHEN REBUILDING A BALLSCREW THE BEARING ARRANGEMENT IS CHANGED.

FIT FOR PURPOSE		REPLACE/TEMPORARY REBUILD	BEYOND ECONOMICAL REPAIR