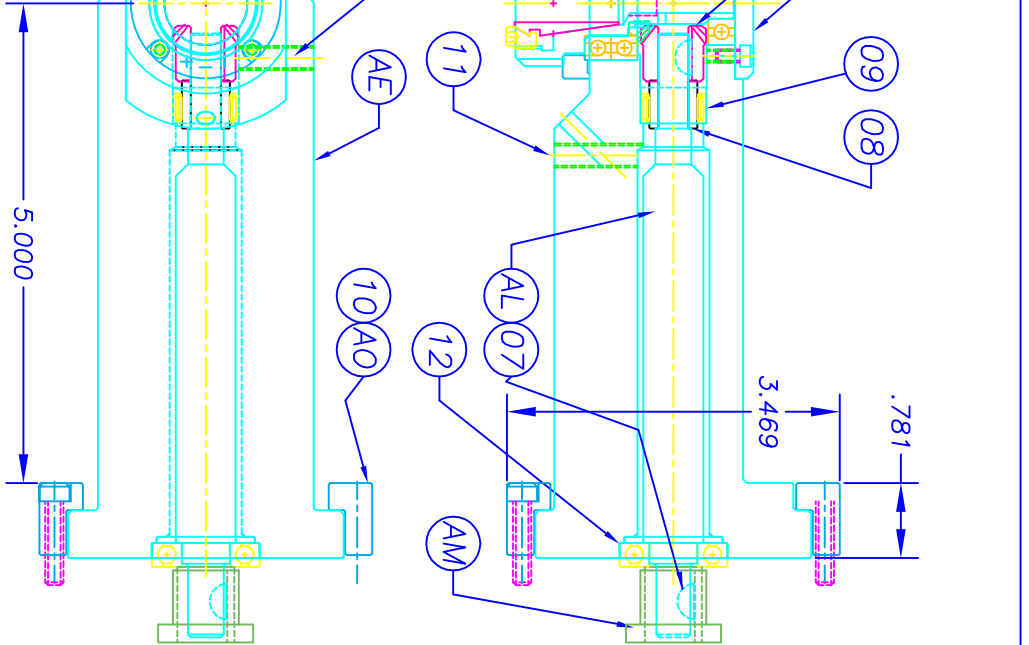
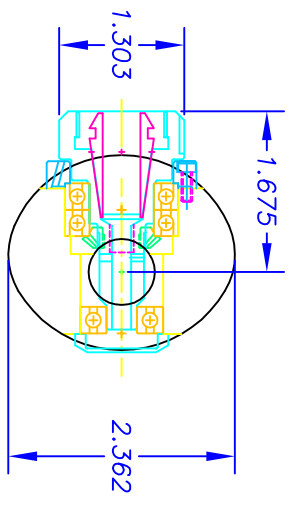


* Recommended repair parts
 ⊕ Perishable items.



Front spindle bearing capacity 1158/832 x 2

BORE SIZE	PART NO.	DESCRIPTION
.250	S3MW14	1/4 WELDON SPINDLE
.312	S3MW31	5/16 WELDON SPINDLE
.375	S3MW38	3/8 WELDON SPINDLE
.500	S3MW12	1/2 WELDON SPINDLE
.236	S3MMW6	6MM WELDON SPINDLE
.314	S3MMW8	8MM WELDON SPINDLE
.394	S3MMW10	10 WELDON SPINDLE
.472	S3MMW12	12 WELDON SPINDLE

DETAIL	QTY	PART NO.	DESCRIPTION
AB	01	0001-AB	BEARING CAP - REAR
⊕ AC	01	SEE SPINDLE CHART	SPINDLE WELDON .500 BORE
⊕ AD	01	S3MER	SPINDLE ER-16 COLLET
AE	01	SEE LENGTH CHART	CARRIER-SPINDLE
AF	01	0100-AF	FRONT BEARING CAP
⊕ AG	01	G3S	SPINDLE GEAR
⊕ AH	01	G3D	DRIVE GEAR
AK	01	0100-AK	ENDCAP
⊕ AL	01	SEE LENGTH CHART	DRIVESHAFT
AM	01	0001-2C	SPIDER
AN	01	0001-AH	STOP-TOOL
AO	01	0001-AO	CLAMP COLLAR
01	04	0100-01	SHCS #4-40 X .31
02	02	0100-02	1/4-20 X .25 SHSS
03	02	0100-03	#8-32 X .25 SHCS
* 04	01	0100-04	REAR SPINDLE BEARING
05	04	0100-05	4-40 X 1/4 FHCS
* 06	01	0100-06	FRONT SPINDLE BEARING SET
⊕ 07	02	67989244	WOODRUFF KEY
* 08	01	0100-08	UPPER DRIVE SHAFT BEARING RACE
* 09	01	0100-09	UPPER DRIVE SHAFT BEARING
10	04	0100-10	10-32 X 7/8 SHCS
11	01	0100-11	1/4-20 X 5/8 SET SCREW
* 12	01	0100-12	LOWER DRIVE SHAFT BEARING
13	01	0100-13	1/4-20 X 1/4 SET SCREW

OPTIONAL HEAD LENGTH CHART		
HEAD LENGTH	HEAD PART NO.	DRIVE SHAFT PART NO.
3.500	0100-AE	0100-AL
5.000	0100-AEX	0100-ALX
8.000	0100-AE8	0100-AL8
10.000	0100-AE10	0100-AL10
12.000	0100-AE12	0100-AL12

ELTOOL

3M RIGHT ANGLE HEAD

DRAWN BY: R. OLSON

SCALE: NTS

DATE: 11-21-00

DRAWING NO: 0100-HA