

NOTES:

- 1.) NO SHARP CORNERS, PARTICULARLY @ BORE H
- 2.) DIM. "H" .595 $\phi$  X .60 DEEP I.D. (REAM TO REMOVE FLASH IF NECESSARY)
- 3.) MAKE FROM BLANK CASTING M-45100 713 ALUM OR ALUMINUM ALLOY B380.1
- 4.) MACHINE THREAD AS CLOSE TO .600 DIMENSION AS POSSIBLE

TAPER THREADS THIS DISTANCE (MIN.)

.062 X 45°

PARTIAL CLEANUP PERMISSABLE

SLIGHT CHAMFER ON STARTING THREADS

1"-16 THREAD UNS-2A

"GO" PITCH DIAMETER = .9550

"NO GO" PITCH DIAMETER = .9500

1/2"-14 NPT

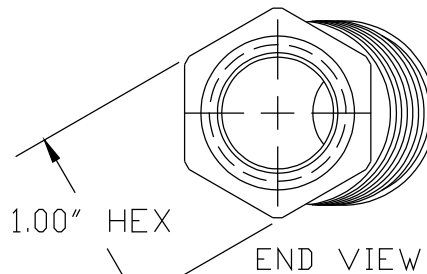
.795 DIA. AT END OF PART

.791 DIA.

.830 DIA.

INSPECTION NOTES

- 1.) CHECK MAJOR DIA. OF NPT THREAD USING FUNCTIONAL RING GAGE (.135 THK. X .800 I.D.) PLACE GAGE OVER NPT THREAD. GAGE SHOULD FIT APPROX FLUSH WITH END OF PART BUT NOT BEYOND
- 2.) THE FIT FOR 1/2-14 NPT RING GAGE IS +/- 1/2 TURN



END VIEW

REV.	DATE	CHANGE	
B	2/10/03	REDRAWN TO ADD MISSING DIMENSIONS	UNLESS OTHERWISE SPECIFIED 3-PLC. DIM. +/- .005 2-PLC. DIM. +/- .010 ANGULAR +/- 1°
C	3/9/04	REDIMENSIONED NPT END TO MATCH PART NO. RSR-9100-B	

**REMKE INDUSTRIES**

Wheeling, Illinois 60090

SCALE: FULL

MATERIAL: SEE NOTE (3)

FINISH: NATURAL

PART NAME: BODY 45 DEG.

PART NUMBER: RSR-45100-B

DRAWING DATE: 2/10/03