



* MINIMUM TAPER
THREAD DISTANCE
SEE NOTE 4

NOTES:

- 1.) NO SHARP CORNERS, PARTICULARLY @ BORE H
- 2.) DIM. "H" .595 ϕ X .60 DEEP I.D. (REAM TO REMOVE FLASH IF NECESSARY)
- 3.) MAKE FROM BLANK CASTING M-9100 713 ALUM OR ALUMINUM ALLOY B380.1
- 4.) MACHINE FULL NPT THREAD WITHIN .050" OF BOTTOM OF HEX. VANISHING THREAD NOT PERMITTED

- 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
- 3.) * INDICATES CRITICAL INSPECTION DIMENSIONS

REV.	DATE	CHANGE
A	6/30/03	DRAWING RELEASED
B	8/26/03	REVISED P.D.'S FOR 1"-16 TH'D. GO PD .9550 WAS .9579 NO GO PD .9500 WAS .9529, OMIT DIM .575, NEW DIM. .560 WAS .533, ϕ .795 WAS ϕ .785 & ϕ .830 WAS ϕ .825, ALSO ADDED INSPECTION NOTES
C	9/24/03	ADDED NOTE 4
D	3/14/05	REVISED NOTE 4

UNLESS OTHERWISE
SPECIFIED
3-PLC. DIM. +/- .005
2-PLC. DIM. +/- .010
1-PLC. DIM. +/- .015
FRACTIONAL +/- 1/64
ANGULAR +/- 1°

REMKE INDUSTRIES

Wheeling, Illinois 60090

SCALE: APPROX. FULL
MATERIAL: SEE NOTE 3
FINISH: NATURAL/MACHINED
PART NAME: BODY 90 DEGREE
PART NUMBER: RSR-9100-B
DRAWING DATE: 6-30-03