



- NOTES:
1. SHAFT MATERIAL: TYPE 304 STAINLESS STEEL.
  2. CHROME AND ZINC PLATED BRASS LUER LOCK HUB.
  3. PROBE POINT - SQUARE.
  4. PER VIEW A, INSIDE NEEDLE TO BE MADE AS CONCENTRIC AS POSSIBLE TO OUTSIDE NEEDLE.

PLEASE PROVIDE THE FOLLOWING:

1. STYLE A OR B \_\_\_\_\_
2. INSIDE NEEDLE GAUGE \_\_\_\_\_
3. MID NEEDLE GAUGE (TRIAXIAL ONLY) \_\_\_\_\_
4. OUTSIDE NEEDLE GAUGE \_\_\_\_\_  
\*CONSULT NEEDLE GAUGE CHART - OD OF INNER NEEDLE MUST BE LESS THAN ID OF OUTER NEEDLE.
5. DIM A \_\_\_\_\_ (MIN 35MM 1.37" MAX 100MM 3.9")
6. DIM B \_\_\_\_\_ (MIN 25MM FOR STYLE A AND MIN 5MM FOR STYLE B)
7. DIM C \_\_\_\_\_ (DIM C IS 0, THEN BOTH NEEDLES WILL END AT SAME PLANE)



VIEW A  
SCALE 4:1

**ramé-hart instrument co.**

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TOLERANCES UNLESS OTHERWISE NOTED  
0.00±0.010 0.000±0.005 FRACTIONS ±1/64 ANGLES ±0°30'

DRAWN BY	CHECKED	DATE	SCALE
CC	WA	18-JAN-2012	NTS

CUSTOM NEEDLE

TITLE	DWG NO	REV
COAXIAL	100-10-COAXIAL	B