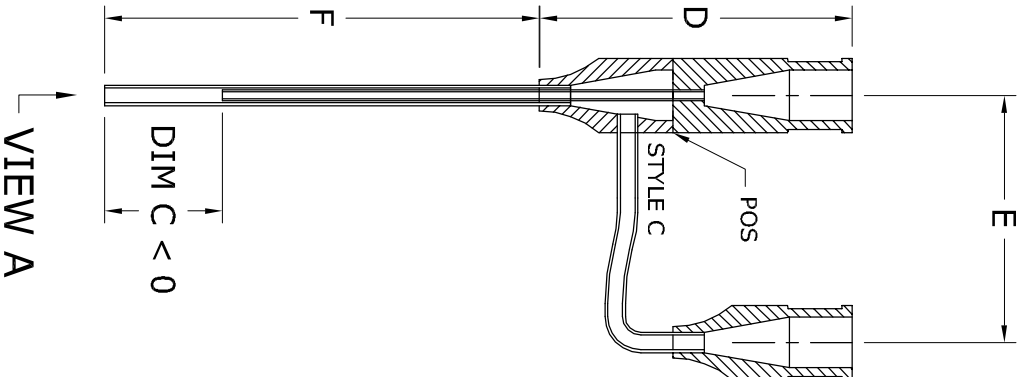


**BEVELED
TIP OPTION**
SCALE 4:1



**VIEW A
SCALE 4:1**



PLEASE PROVIDE THE FOLLOWING:

1. INLET STYLE A, B OR C (STYLE A IS MORE COMMON; EXTRA COST FOR STYLE C.)
2. INSIDE NEEDLE GAUGE* (SMALLEST GAUGE IS 28G; EXTRA COST FOR 27-28G)

3. OUTSIDE NEEDLE GAUGE* G
*CONSULT NEEDLE GAUGE CHART - OD OF INNER NEEDLE MUST BE LESS THAN ID OF OUTER NEEDLE.

4. DIM C _____ MM (IF DIM C IS 0, THEN BOTH NEEDLES WILL END AT SAME PLANE; DIM C = 0 IS MOST COMMON. USE POSITIVE VALUE TO HAVE INSIDE TUBING LONGER THAN OUTSIDE; USE NEGATIVE VALUE TO HAVE INSIDE TUBING SHORTER THAN OUTSIDE.)

NOTE DIM D IS APPROXIMATELY 30MM AND IS NOT ADJUSTABLE.

5. DIM E _____ MM (MIN 25MM FOR STYLES A & C; MIN 5MM FOR STYLE B; MAX 120MM FOR STYLES A & B, MAX 75MM FOR STYLE C).

6. DIM F* _____ MM (MIN 2MM; RECOMMENDED 10-30MM) *MAX 90MM FOR EVEN GAUGES AND 35MM FOR ODD GAUGES)

7. DISASSEMBLY FOR CLEANING AT POINT "POS" IS NOW STANDARD ON ALL COAXIAL NEEDLES.

8. EXTRA INNER NEEDLE? (Y OR N) _____ (EXTRA COST)

9. ADD BEVELED TIP? (Y OR N) _____ (EXTRA COST)

ANY ADDITIONAL SPECIAL REQUIREMENTS?

NOTES:

1. SHAFT MATERIAL: TYPE 304 STAINLESS STEEL.
2. HUB MATERIAL: CHROME AND ZINC PLATED BRASS.
3. NEEDLE TIP: PROBE POINT - SQUARE. BEVELED TIP IS OPTIONAL.
4. PER VIEW A, INSIDE NEEDLE TO BE MADE CONCENTRIC TO OUTSIDE NEEDLE.

THIS WORKSHEET CAN BE FOUND AT
http://www.ramhart.com/pdf/coaxial_worksheet.pdf

ramé-hart instrument co.

19 RT 10 E, ST 11 - SUCCASUNNA - NJ 07857 PH 973-448-0305 ramhart.com

TOLERANCES UNLESS OTHERWISE NOTED

0.00±0.010in (0.25mm) 0.000±0.005in (0.127mm) ANGLES ±0°30'

DRAWN BY _____ CHECKED _____ DATE _____ SCALE _____

CC WA 22-SEP-2015 NTS

CUSTOM COAXIAL NEEDLE

TITLE	DWG NO	REV
COAXIAL	100-10-COAXIAL	H