

GENERAL

The use of corrosion coupons is the most common method of measuring internal corrosion, and is critical to establishing a monitoring baseline.

Caproco offers a flanged coupon holder assembly, ideal for locations with: restricted access space, where an existing flange fitting is available, or where retraction under pressure is not required.

Various coupon configurations are available, such as single, double or multiple strip, and flush or projecting disc.

APPLICATION

A flush disc configuration is suitable if pipe wall condition monitoring is desired, or if the location is regularly pigged. If flow disturbance and pigging are not concerns, a projecting strip or disc coupon design is available, to monitor any depth or flow phase, including bottom of line traps.

Flanged fittings must be used in locations that can be isolated or depressurized before change-out and servicing can take place.

SPECIFICATIONS

Caproco flanged coupon holders are available in 316 stainless steel or carbon steel. All mounting hardware and set screws are made from stainless steels.

Flanges are available in Raised Face (RF) and Ring-Type-Joint (RTJ) configurations, and meet ANSI or API specifications. Flanges with special sizing and material requirements can be machined to customer specifications.

Maximum Operating Pressure	Dependant upon flange rating and material
Maximum Operating Temperature	

ORDERING INFORMATION

To calculate the coupon holder length required (**L**), use the diagram to determine the following:

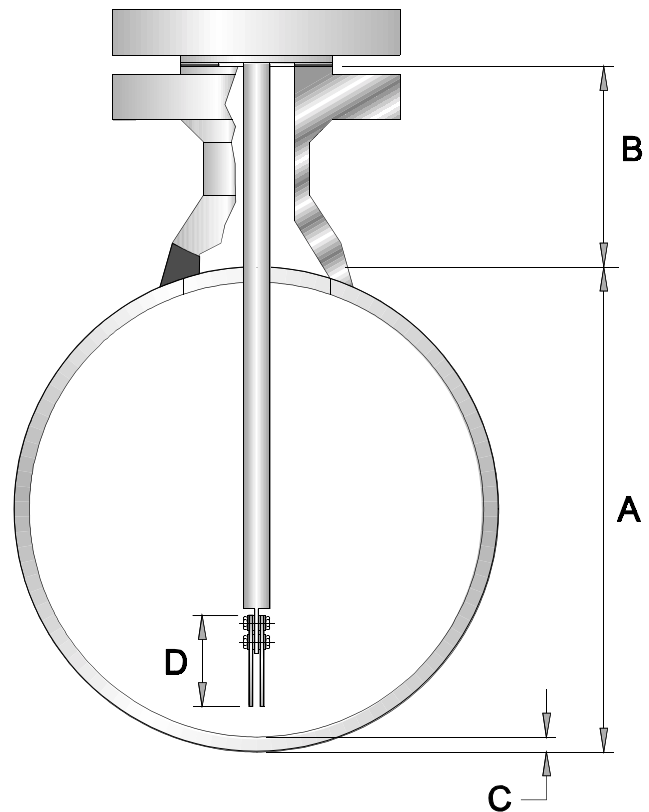
A = Pipe O.D.

B = Height of Flange Face to Pipe O.D.

C = Pipe Wall Thickness

D = Coupon Length

FORMULA: $L = A + B - [C + (D - 1\frac{1}{4}'') + \frac{1}{2}'']$



Note:

3" long coupons, when attached, extend 1³/₄" (44.5 mm) beyond end of coupon holder.

**Contact Caproco for Sizing and
Part Number Information**