

Model 6202 COSASCO® Two-Inch System Disc Coupon Holder Fixed & Adjustable



Specifications:

- **Meets NACE MR0175 and MR0103**
- **Material — 316 S.S**

As one of several methods of corrosion coupon (alloy specimen) monitoring systems offered by COSASCO®, Disc Coupon Holder Assemblies offer several inherent advantages. First, there is no need to orient coupons in relation to product flow direction. Second, they offer more exposed surface at the pipeline wall surfaces than strip coupon holder assemblies; and, third, if sized properly, they can offer a means of corrosion coupon monitoring and yet allow pigging operations with no interference.

1. THE FIXED DISC COUPON HOLDER

May be sized to position the Disc Coupon at any desired location within the pipe or vessel.

2. THE ADJUSTABLE DISC COUPON HOLDER ASSEMBLY

Has an adjustable stem threading within an outer support housing. After determining its desired length, the length setting is locked into position by a set screw aligned with a keyway or kerf. The support housing is 2.75" (7 cm) long and stem travel is from a beginning exposure of 3/8" (9.5mm) up to 1-3/4" (4.5cm). When used with COSASCO® 5.25" Standard height Access Fitting mounting end at 3/8" (9.5 mm) into the pipeline OD or wall and thus can accommodate many pipe wall thicknesses with flush mount monitoring (up to its extended limit of travel).



All holders under 3.25" length are made from one piece in our non-welded construction. Nonwelded holders 3.25" or longer are available. All Disc Coupon Holder Assemblies attach to the bottom of the Solid Plug Assembly of the Access Fitting Assembly by means of a left-hand threaded nut. When attached, they are securely locked into place by a set screw. The attaching nut replaces the Solid Plug Nut component of the Solid Plug Assembly and also serves as the primary packing retainer. Coupon attachment is by a single flat head machine screw-type with Teflon® insulation.

Fixed Disc Coupon Holder Assembly

Sizing Formula:

NON-FLANGE Access Fitting Assemblies

Flush: $(A + Wg + PW)$ minus $(2.815) =$ Coupon Holder Length

FLANGE Access Fitting Assemblies

Flush: $(A + PW + Fg + MF)$ minus $(2.815) =$ Coupon Holder Length

Adjustable Disc Coupon Holder

Customer adjustable within described parameters.

A = Access Fitting Assembly height

Wg = Weld gap (1/16" or 1.6 mm is normal per ANSI B31.1 1973)

Pw = Pipe wall thickness

PD = Nominal Pipeline OD

IL = Insertion length into pipeline ID

Fg = Flange face-to-face gap

MF = Mating flange dimension from face of flange to OD of pipe

Ordering Information:

Model			
6202		Disc Coupon Holder Assembly	
6202N		Disc Coupon Holder Assembly non-welded (3.25 or longer, fixed type only)	
		Code	Length Required
		XXX	Enter length in inches, for adjustable type enter ADJS
6202	—	6.00	← Example
6202	—	ADJS	← Example

Unit Weight:	Up to 3 inches	1 lb./ .45 kg.
	3 - 10 inches	2 lbs./ .90 kg.
	10.25 - 20 inches	3 lbs./ 1.36 kg.
	20.25 - 36 inches	5 lbs./ 2.27 kg.

Accessories:

Part No.	Description
208620	Disc Coupon Holder Insulation Set – Nylon/Teflon consisting of:
201766	Machine Screw-type 1/4-20 x 1.00 – SS
126285	Disc Coupon Insulation Washer, .665" OD, .25" ID, .198" thick - Teflon®
201767	Washer - Teflon®



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