



Rod In Floor Guide Support

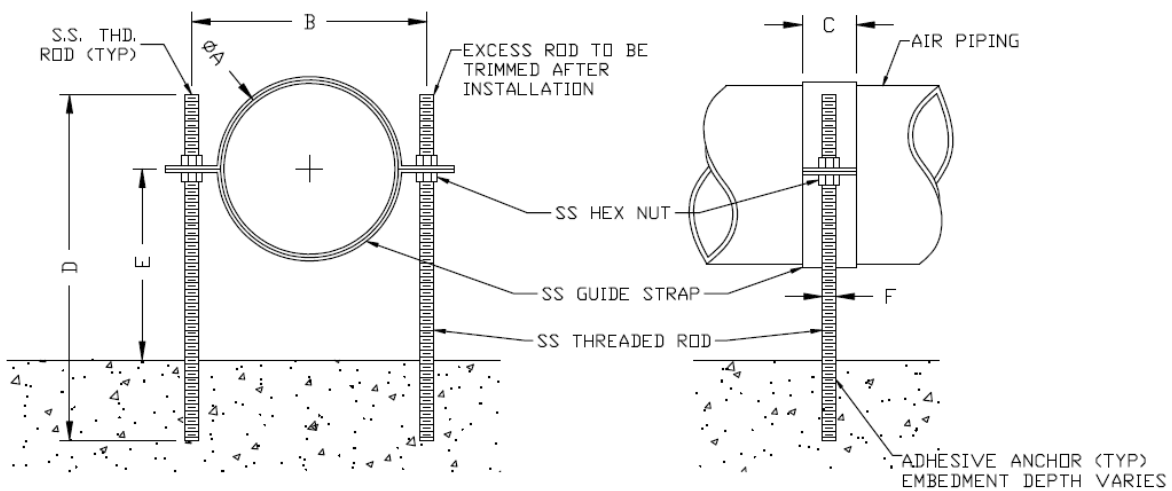


The Rod In Floor Guide Support is designed for fixed grid aeration systems, providing lateral restraint while allowing axial movement of the air piping. Constructed from corrosion resistant stainless steel components, the support improves piping alignment, enhances system durability, and simplifies installation for reliable long term operation.

Material Features

- The Rod in Floor Guide Support consists of a floor mounted dual threaded rod assembly with a formed stainless steel pipe strap. The support is secured to the basin floor using adhesive or drop in anchors and is designed to provide lateral restraint while allowing axial movement of the air piping. All support components, including threaded rods, pipe strap, nuts, washers, and anchor hardware, manufactured in stainless steel, other materials available upon request.
- Maintains piping alignment and stability in fixed grid aeration systems.
- Restricts excessive horizontal pipe movement while accommodating thermal expansion and contraction.
- Provides corrosion resistant performance in wastewater treatment environments.
- Designed to protect piping from deformation or damage during operation.
- Suitable for operational, maintenance, and testing loads with a design life of 20 years when applied on new concrete.

Pipe Size (in.)	A - Clamp ID (in.)	B - Rod Spacing (in.)	C - Strap Width (in.)	D - Rod Length (in.)	E - Centerline Range (in.)	F - Rod Diameter (in.)
3	3.52	4.70	1.50	22	2 - 12	0.375
4	4.52	6.14	1.50	19	3 - 12	0.500
6	6.76	8.25	2.00	24	4 - 12	0.500
8	8.88	10.50	2.00	24	5 - 12	0.500
10	10.88	12.52	2.00	27	6 - 12	0.625
12	12.88	14.52	2.00	27	7 - 12	0.625



Note: Anchor adhesive is to be supplied by others (contractor/installer). Adhesive is not supplied due to its limited shelf life and the uncertainty of installation timing.

Support Component	Material / Grade Requirement	Standard
Threaded Rods / Studs	Type 304 Stainless Steel Type 316 Stainless Steel	ASTM A193 Grade B8 (304 SS) ASTM A193 Grade B8M (316 SS)
Clamps	Type 304 Stainless Steel Type 316 Stainless Steel	ASTM A240
Floor Anchors	Type 304 Stainless Steel Type 316 Stainless Steel Adhesive or Mechanical Anchors	ICC-ES Approved
Nuts, Fasteners & Washers	Type 304 Stainless Steel Type 316 Stainless Steel	ASTM F594 (nuts) ASTM F593 (bolts/studs)



SPECIFICATION: RIF Guide Support
(SS186-EA-26-06)