

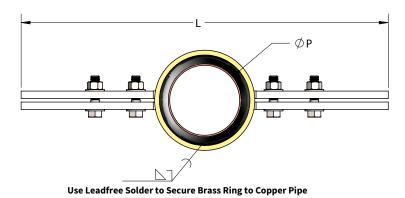
## **ICFRAH** - ISOTECH COPPER PIPE **ANCHORS HEAVY DUTY**

File No. : ISOTECH-ICFRAH-100 - 400

Date: 03/27/22

ISOIN-ICFRAH-100 - 400 Installation Instructions Document, to be Reviewed for Installation

SPECIFICATIONS: ICFRAH- ISOTECH COPPER PIPE ANCHORS HEAVY DUTY											
Model	Pipe Size	А		L		W		G		Rated Capacity	
	P (in)	in	mm	in	mm	in	mm	in	mm	lbf.	kN
ICFRAH-100	1	3/8	10	11 <sup>13</sup> ⁄16	300	1 %16	40	2.43	61.60	1040	4.626
ICFRAH-125	1.25	3/8	10	11 <sup>13</sup> ⁄16	300	1 %16	40	2.43	61.60	1060	4.716
ICFRAH-150	1.5	3/8	10	11 <sup>13</sup> ⁄16	300	1 %16	40	2.43	61.60	1120	4.982
ICFRAH-200	2	3/8	10	13 %	340	1 %16	40	2.43	61.60	1370	6.094
ICFRAH-250	2.5	3/8	10	13 %	340	1 %16	40	2.43	61.60	2060	9.164
ICFRAH-300	3	1/2	13	15 ¾	400	1 %16	40	2.93	74.30	2570	11.532
ICFRAH-400	4	1/2	13	15 ¾	400	1 %16	40	3.43	87.00	2800	12.456



## Note:

- 1- Rated capacities are all based on physical testing at a third-party ISO17025 accredited lab.
- 2- Tabulated rated capacities are based on testing values divided by a safety factor of 3.5
- 3- ISOTECH Riser Clamps are made of high strength steel and hardware are all Grade 5
- 4- Use Lead-free solder to secure ISOTECH Machined Brass Ring to copper pipe as shown
- 5- Follow soldering instructions for proper installation of brass ring on copper pipe
- 6- Solder ISOTECH machined brass ring on copper pipe before adding ISOTECH riser clamp
- 7- Ensure riser clamp is rested against brass ring lip on load direction
- 8- Torque value for Grade 5 Bolt size 3/8": 30 ft. Lbs For all clamps size 1" to 2.5"
- 9-Torque value for Grade 5 Bolt size 1/2": 60 ft. Lbs For clamps size 3" and 4"
- 10- ISOTECH Riser Clamps Complies with MSS SP-58 and SP-69 (Type 8)
- 11- Zinc Plated finish for clamps and hardware

PROJECT INFORMATION	EQUIPMENT INFORMATION	Canada location		
Customer:	Type:	35 Silton Road		
Project:	Qty Required:	Woodbridge ON L4L 7Z8 CANADA		
Drawing No:	Operating Weight:	T: 905-856-5001		
Notes:				

ISOTECH Anchor -QTY=(8) Hex bolt, Connection Plate Max. 1/4 C/W Distribution Plate Galvanized Sheet Metal

**USA Location** 

Secure Brass Ring to Copper Pipe

3021 E Coronado St. 5 Silton Road Anaheim, CA.,92806 Noodbridge ON .4L 7Z8 CĂNADA U.S.A T: 949-788-2930 : 905-856-5001



Tool free: 1-888-831-3311 www.isotechindustries.com