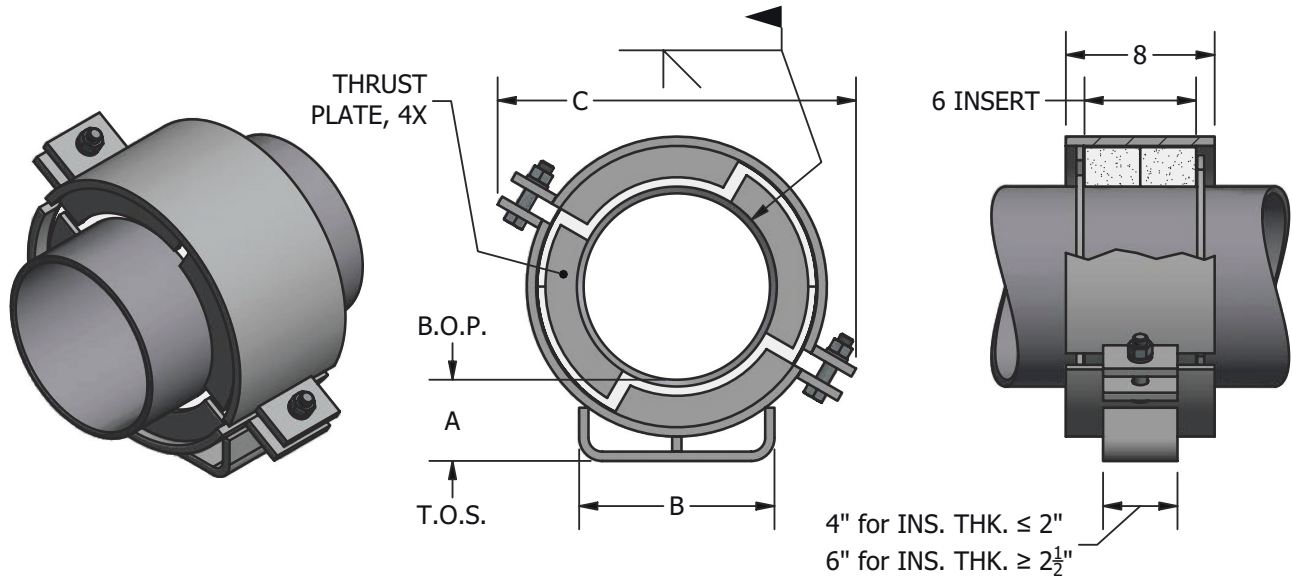


FIG. NA40

**Pre-Insulated Pipe Anchor**  
For Axial & Vertical Loads



Ordering: Fig. NA40 - (Pipe Size) x (Insulation Thickness)-(Finish) e.g. NA40-3x1-H

PIPE SIZE	VERT. LOAD	INS. THK. = 1"				INS. THK. = 1 1/2"				INS. THK. = 2"				INS. THK. = 2 1/2"				INS. THK. = 3"				INS. THK. = 4"			
		AXIAL	A	B	C	AXIAL	A	B	C	AXIAL	A	B	C	AXIAL	A	B	C	AXIAL	A	B	C	AXIAL	A	B	C
2"	1640	730	4	2.5	9.3	1160	4	3	10.6	1620	5	4.75	12	2460	5	4.5	14.2	2460	6	5.5	15.1	2460	6	7.5	16.9
2 1/2"	1980	890	4	2.5	9.7	1410	4	4	11.6	1960	5	4.5	12.9	2980	5	5.5	15.1	2980	6	6.5	15.9	2980	6	8	17.8
3"	2420	1400	4	3	10.2	2400	4	4	11.6	3450	4	5.25	12.9	3620	5	5.5	15.1	3620	6	6.5	15.9	3620	6	8	17.8
4"	3110	1730	4	4	11.1	2900	4	4.5	12.4	4100	4	6.25	13.8	4660	5	6.5	15.9	4660	6	7.5	16.9	4660	6	9	18.6
5"	3840	2060	4	4.5	11.9	3400	4	5.5	13.3	4750	4	6.5	14.6	5760	5	7.5	16.9	5760	6	8	17.8	5760	6	9.5	19.7
6"	4570	2400	4	5.5	12.8	3900	4	6.5	14.1	5400	4	7.5	15.6	6860	5	8	17.8	6860	6	9	18.6	6860	6	10.5	20.6
8"	5950	3020	4	7.5	14.7	4850	4	8	16	6675	4	9	17.3	8930	6	9.5	19.7	8930	6	10.5	20.6	8930	6	12	22.3
10"	7420	3700	4	9	16.4	5850	4	9.5	18.4	8000	4	10.5	19.3	11130	6	11	21.4	11130	6	12	22.3	11130	6	13	24.1
12"	8800	4320	4	10.5	18.4	6800	4	11	20.1	9300	4	12	21	13200	6	12.5	23.6	13200	6	13	24.5	13200	6	14.5	26.3
14"	10000	4700	4	11	19.3	7350	4	12	21	10000	4	12.5	23.2	15000	6	13	24.5	15000	6	14	25.4	15000	6	15.5	27.1
16"	11600	5340	4	12.5	20.9	8320	4	13	22.8	11300	6	14	24.9	17400	6	14.5	26.3	17400	6	15.5	27.1	17400	8	16.5	28.9
18"	12800	5970	4	14	22.7	9240	4	14.5	24.5	12500	6	15.5	26.7	19200	6	16	28	19200	6	16.5	28.9	19200	8	18	30.6
20"	13600	6600	4	15.5	24.4	10200	4	16	26.2	13800	6	16.5	28.4	20400	6	17.5	29.7	20400	6	18	30.6	20400	8	19.5	32.3
24"	14400	7850	4	18	27.9	12000	4	19	29.7	16300	6	19.5	31.9	21600	6	20.5	33.2	21600	6	21	34.1	21600	8	22.5	35.8
30"	18800	9740	4	22.5	34	14900	6	23	36.2	20100	6	24	37.5	28200	6	24.5	41.1	28200	6	25	41.9	28200	8	26.5	43.6
36"	22000	11600	4	26.5	39.2	17750	6	27.5	41.4	23900	6	28	42.8	33000	6	28.5	46.3	33000	6	29.5	47.1	33000	8	31	48.8
42"	24800	13500	4	31	44.4	20500	6	31.5	46.6	23900	6	32.5	47.9	37200	6	33	51.4	37200	6	33.5	52.3	37200	8	35	54.1

<p><b>Applications:</b></p> <ul style="list-style-type: none"> <li>• Provides vertical support and resistance to axial forces</li> <li>• Designed for use on: Chilled Water Hot Water Steam Straight runs with expansion joints producing axial thrust forces</li> <li>• Installation: welded to flat steel surface</li> <li>• Temperature Range: +20°F to +1200°F</li> <li>• Axial Load ratings do not include local stress evaluation at thrust plate/pipeline wall interface. Contact factory for assistance.</li> </ul>	<p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• Structural insulation for load transfer</li> <li>• ASTM E-84 Flame Spread/Smoke Developed: 10/20</li> <li>• Thermal Conductivity 0.61 Btu•in/(hr•ft<sup>2</sup>•°F) @ 200°F</li> <li>• Insulation chemically bonded</li> <li>• B.O.P. to T.O.S. matched to NS and NG models</li> <li>• Four thrust plates shipped loose for field welding</li> </ul>	<p><b>Material Data:</b></p> <p>Insulation: Calcium Silicate meeting ASTM C-585 and C-656 Type II Grade 6: 900 psi, 28 pcf other insulation materials, Page 34</p> <p>Base/Clamp: ASTM A-36 Carbon Steel</p> <p>Fasteners: ASTM A-307 Electro-Galv. Plated</p> <p>Shield: ASTM A-653 G-90, 18 ga Galv. Steel</p> <p>Vapor Barrier: ASTM E-96 All Service Jacket</p> <p>Finishes: (H) Hot-Dip Galv. per ASTM A-123 (B) Unfinished</p>
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