



MEC121T
 Pipe Insert Size – 12 inch
 Sch. 40 Wt. = 53.53 lb./ft
 Sch. 80 Wt. = 88.51 lb./ft
 A105B A53B

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Spreader Span (ft - in)	Capacity at 45° Sling Angle (Tons)		Capacity at 60° Sling Angle (Tons)		Weight. Incl. shackles & Pipe (lbs.)		Length of Insert (ft - in)
	SCH 40	SCH 80	SCH 40	SCH 80	SCH 40	SCH 80	
7' – 6" *	121	121	121	121	1944	2084	48"
8'	121	121	121	121	2158	2438	54"
10'	121	121	121	121	2265	2616	78"
12'	121	121	121	121	2372	2793	102"
14'	121	121	121	121	2480	2971	126"
16'	121	121	121	121	2587	3148	150"
18'	121	121	121	121	2964	3326	174"
20'	121	121	121	121	2802	3503	198"
22'	121	121	121	121	2909	3681	222"
24'	121	121	121	121	3016	3858	246"
26'	121	121	121	121	3124	4035	270"
28'	118	121	121	121	3231	4213	294"
30'	110	121	121	121	3338	4390	318"
32'	100	121	121	121	3446	4568	342"
34'	90	121	121	121	3553	4745	366"
36'	81	121	121	121	3660	4923	390"
38'	73	115	121	121	3767	5100	414"
40'	66	103	113	121	3875	5278	438"
42'	58	90	100	121	3982	5455	462"
44'	51	79	88	121	4089	5633	486"
46'	45	69	77	121	4197	5810	510"
48'	39	60	67	105	4304	5987	534"
50'	34	52	59	90	4411	6165	558"
52'	29	45	51	78	4519	6342	582"
54'	25	39	44	67	4626	6520	606"
56'	22	33	38	58	4733	6697	630"
58'	19	29	33	50	4841	6875	654"

Note - Shaded Area indicates structural limit.

End Cap Offset – 21 inches Each
 Insert Length = End Cap Offset X 2
 * - Denotes Minimum Span

MEETS OR EXCEEDS
 ASME BTH-1 & ASME B30.20
 WELDS PER AWS D14.1

Wt. per End Cap – 635 lbs.
 Top Shackles 3" – 85t
 Bottom Shackles 2-1/2" - 55t