



MECS77T
 Pipe Insert Size – 10 inch
 Sch. 40 Wt. = 40.48 lb./ft
 Sch. 80 Wt. = 64.3 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	
6' – 2.5" *	77	77	77	77	1136	1216	40"
8'	77	77	77	77	1325	1515	62"
10'	77	77	77	77	1405	1644	86"
12'	77	77	77	77	1486	1772	110"
14'	77	77	77	77	1567	1901	134"
16'	77	77	77	77	1648	2029	158"
18'	77	77	77	77	1729	2158	182"
20'	77	77	77	77	1810	2286	206"
22'	77	77	77	77	1891	2415	230"
24'	77	77	77	77	1972	2543	254"
26'	77	77	77	77	2052	2672	278"
28'	75	77	77	77	2133	2800	302"
30'	66	77	77	77	2214	2929	326"
32'	58	77	77	77	2295	3057	350"
34'	51	77	77	77	2376	3186	374"
36'	45	67	77	77	2457	3314	398"
38'	39	58	67	77	2538	3443	422"
40'	33	50	57	77	2619	3571	446"
42'	28	42	49	72	2700	3700	470"
44'	24	36	42	63	2780	3828	494"
46'	21	31	36	54	2861	3957	518"
48'	18	26	31	46	2942	4085	542"

Note - Shaded Area indicates structural limit.

End Cap Offset – 17.25 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 – 430 lbs.
 Top Shackles 2-1/2" – 55t
 Bottom Shackles 2" - 35t

