



MECS660T
 Pipe Insert Size – 24 inch
 Sch. 40 Wt. = 171.2 lb./ft
 Sch. 80 Wt. = 296.4 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	
13**	660	660	660	660	12470	14103	88"
14'	660	660	660	660	12641	14399	100"
16'	652	660	660	660	12984	14993	124"
18'	644	660	660	660	13327	15588	148"
20'	636	660	660	660	13670	16182	172"
22'	627	660	660	660	14012	16776	196"
24'	617	660	660	660	14355	17370	220"
26'	606	660	660	660	14698	17964	244"
28'	595	660	660	660	15041	18559	268"
30'	583	660	660	660	15384	19153	292"
32'	570	660	660	660	15727	19747	316"
34'	555	660	660	660	16070	20341	340"
36'	540	660	660	660	16413	20935	364"
38'	524	660	660	660	16756	21529	388"
40'	507	660	660	660	17099	22124	412"
42'	489	660	660	660	17442	22718	436"
44'	470	660	660	660	17785	23312	460"
46'	451	660	660	660	18128	23906	484"
48'	431	660	625	660	18471	24500	508"
50'	410	660	595	660	18814	25095	532"
52'	389	660	565	660	19157	25689	556"
54'	367	616	534	660	19500	26283	580"
56'	346	579	503	660	19843	26877	604"
58'	325	542	472	660	20186	27471	628"
60'	304	505	442	660	20529	28065	652"
62'	284	470	412	660	20872	28660	676"
64'	264	436	384	633	21214	29254	700"
66'	245	404	356	587	21557	29848	724"
68'	227	372	330	540	21900	30442	748"
70'	209	343	304	498	22243	31036	772"
72'	193	314	281	457	22586	31631	796"
74'	178	288	258	418	22929	32225	820"
76'	163	263	236	382	23272	32819	844"
78'	149	239	216	348	23615	33413	868"
80'	136	217	197	315	23958	34007	892"
82'	123	196	179	284	24301	34601	916"
84'	111	176	162	256	24644	35196	940"
86'	100	158	146	230	24987	35790	964"
88'	90	141	131	204	25330	36384	988"
90'	81	125	117	181	25673	36978	1012"
92'	71	110	104	159	26016	37572	1036"
94'	63	96	92	139	26359	38166	1060"
96'	55	83	80	121	26702	38761	1084"

98'	48	71	70	103	27045	39355	1108"
100'	41	60	60	88	27388	39949	1132"
102'	35	50	51	73	27731	40543	1156"
104'	29	41	43	60	28074	41137	1180"
106'	24	33	35	47	28416	41732	1204"
108'	19	25	28	36	28759	42326	1228"

Note

- Shaded Area indicates structural limit.

<p>End Cap Offset – 59.5 inches Each Insert Length = End Cap Offset X 2 * - Denotes Minimum Span</p>	<p>MEETS OR EXCEEDS ASME BTH-1 & ASME B30.20 WELDS PER AWS D14.1</p>	<p>Wt. per End Cap – Top Shackles – 500t Bottom Shackles – 300t</p>
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