REED "MT"
"MT" "MT-DSI" Tool Joints
for Small Diameter Pipe

Tool Joint		**1" MT & MT DSI**	**1" Shur Seal**		**1 1/4" MT & MT DSI**			**1 1/2 MT & MT DSI**
Recommended O.D.	Inches	1 9/16	1 5/8	1 3/4	1 3/4	1 3/4	1 3/4	2
Maximum I.D.	Inches	3/4	.906	7/8	13/16	3/4	3/4	1 1/16
Fluid Flow Area	Sq. Ins.	.442	.645	.601	.518	.442	.442	.886
Area of Pin @ 1/2" from face	Sq. Ins.	.516	.505	.712	.794	.871	.871	.862
Radial Width - Box Face	Inches	.134	.095	.134	.134	.134	.134	.159
Face Area - No Chamfer	Sq. Ins.	.601	.440	.678	.678	.678	.678	.920
Pin Tensile (Min. Yield Strength)	Lbs.	64,500	68,750	89,000	99,250	108,875	108,875	107,750
Joint Torsion (Min. Yield Strength)	Ft.-Lbs.	750	750	1130	1180	1180	1180	1500
		1230		1700	1800	1900	1900	2500
Recommended Make-up Torque	Ft.-Lbs.	450	450	700	750	750	750	950
Weight per Set	Lbs.	5.84	5.28	7.15	7.47	7.80	7.80	8.93
Tubing		1"	1"			1 1/4"		1 1/2"
Outside Diameter	Inches	1.315	1.315	1.660	1.660	1.660	1.660	1.900
Wall Thickness	Inches	.179	.179	.198	.228	.250	.280	.219
Inside Diameter	Inches	.957	.957	1.264	1.204	1.160	1.100	1.462
Area of Metal	Sq. Ins.	.638	.638	.909	1.025	1.107	1.214	1.156
Weight per foot (Plain End)	Lbs.	2.17	2.17	3.08	3.48	3.76	4.12	3.93
Tensile Load (Min. Yield Strength)	Lbs.	51,106	51,106	72,753	82,057	88,593	97,113	92,480
Torsional Load (Min. Yield Strength)	Ft.-Lbs.	1233	1233	2289	2494	2626	2785	3358
Min. Bursting Pressure	PSI	21,779	21,779	19,084	21,975	24,096	26,987	18,442